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## NASA CONTRACTOR REPORT

NASA CR-170692

AVE/VAS III: 25MB SOUNDING DATA

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Interim Report

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Prepared for

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## AVE/VAS III: 25 MB SOUNDING DATA

by

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### 1. Introduction

The AVE/VAS field experiment was conducted on five operational days during the Spring of 1982. The dates and observation times for this experiment are given in Table 1.

This report is primarily a data document containing rawinsonde data taken at National Weather Service and special stations during AVE/VAS III (27-28 March 1982). A description of the data processing method, together with the FORTRAN program for computing soundings and an error analysis, have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section 3. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events will be presented in a separate report.

### 2. The AVE/VAS III Experiment

Twenty-four National Weather Service stations and fourteen special rawinsonde stations participated in the AVE/VAS III experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. The locations and station heights for the special stations participating in the AVE/VAS experiment are given in Table 3. Soundings were taken at seven times: March 27, 1982, at 1200, 1500, 1800 and 2100 GMT, and March 28, 1982, at 0000, 0300 and 0600 GMT. The National Weather Service stations also took soundings at the usual synoptic observation time at 1200 GMT on March 28.

The National Weather Service stations participating in the experiment formed a regional network in the South Central United States extending from Mississippi to Arizona. The special rawinsonde stations operated by Texas A&M University (TAMU) and National Severe Storms Laboratory (NSSL) formed a meso- $\beta$  network centered on Stephenville, Texas.

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<sup>1</sup>Research Associate

Table 1. Listing of operational days and sounding times in the AVE/VAS field experiment.

Operational Day	Dates	Observation Times
AVE/VAS I * (Shakedown)	6-7 February 1982	2/6 - 12, 18 2/7 - 00
AVE/VAS II	6-7 March 1982	3/6 - 12, 15, 18, 21 3/7 - 00, 03, 06, 12**
AVE/VAS III	27-28 March 1982	3/27 - 12, 15, 18, 21 3/28 - 00, 03, 06, 12**
AVE/VAS IV	24-25 April 1982	4/24 - 12, 15, 18, 21 4/25 - 00, 03, 06, 12**
AVE/VAS V	1-2 May 1982	5/1 - 12, 15, 18, 21 5/2 - 00, 03, 06, 12**

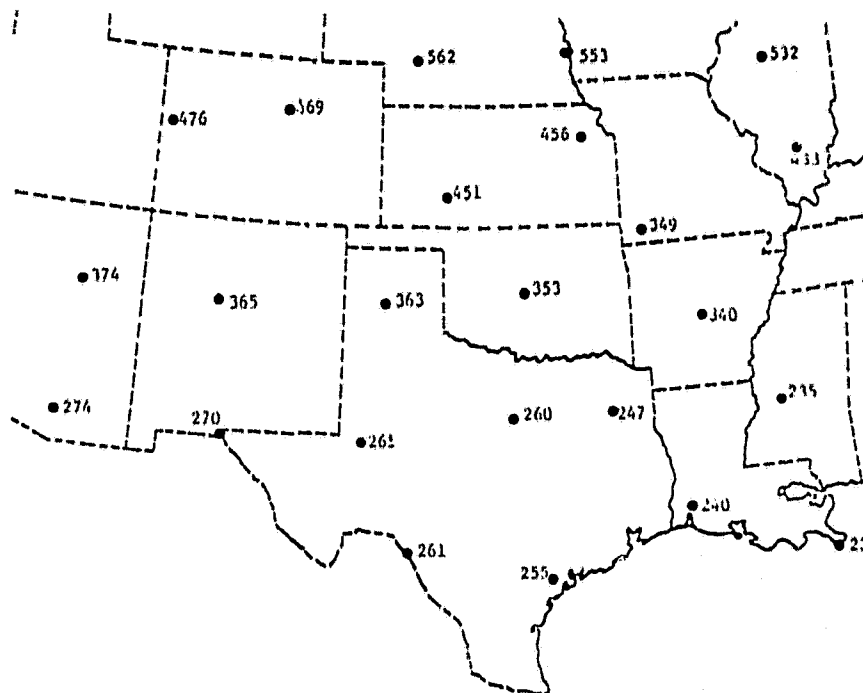
\* Meso- $\beta$  network only on shakedown

\*\* Final 1200 GMT sounding at NWS stations only

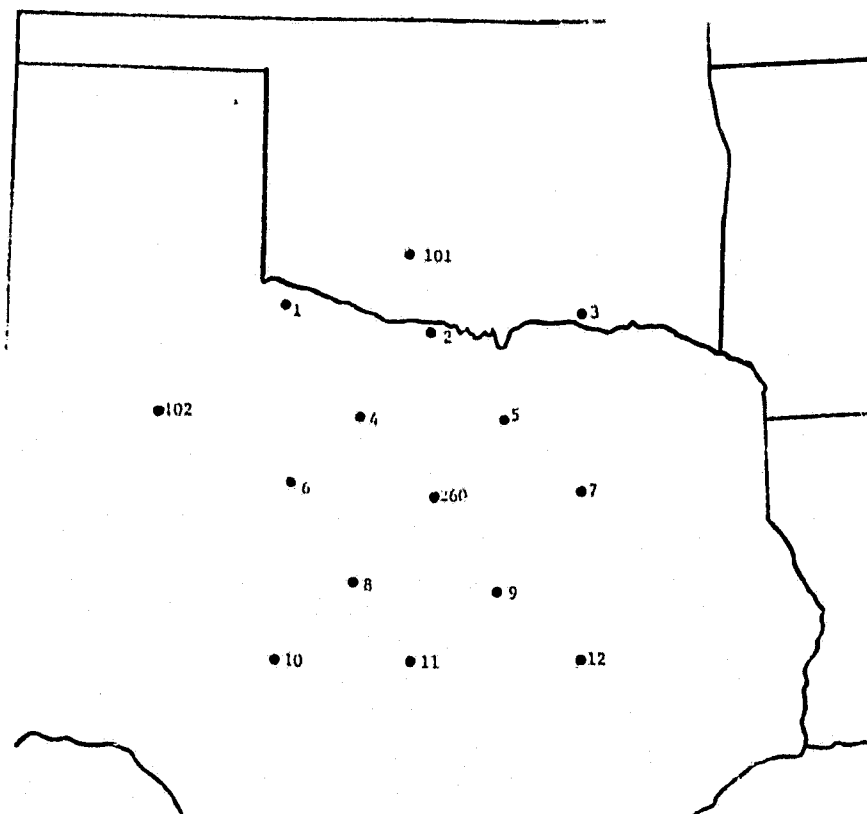
Table 2. Rawinsonde stations participating in the AVE/VAS field experiment.

Station Number	Location
<u>Special Stations</u>	
001	Crowell, TX
002	Henrietta, TX
003	Durant, OK
004	Throckmorton, TX
005	Denton, TX
006	Abilene, TX
007	Ennis, TX
008	Brownwood, TX
009	Hewitt, TX
010	Menard, TX
011	Burnet, TX
012	College Station, TX
101	Ft. Sill, OK
102	Post, TX
<u>NWS Stations</u>	
232	Boothville, LA
235	Jackson, MS
240	Lake Charles, LA
247	Longview, TX
255	Victoria, TX
260	Stephenville, TX
261	Del Rio, TX
265	Midland, TX
270	El Paso, TX
274	Tucson, AZ
340	Little Rock, AR
349	Monett, MO
353	Oklahoma City, OK
363	Amarillo, TX
365	Albuquerque, NM
374	Winslow, AZ
433	Salem, IL
451	Dodge City, KS
456	Topeka, KS
469	Denver, CO
476	Grand Junction, CO
532	Peoria, IL
553	Omaha, NE
562	North Platte, NE

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(a) regional scale network



(b) meso- $\beta$ -scale network

Fig. 1. Locations of rawinsonde stations participating in the AVE/VAS field experiment.

Table 3. Locations of special rawinsonde stations participating in the AVE/VAS field experiment.

Station		Height(m)	Latitude( $^{\circ}$ N)	Longitude( $^{\circ}$ W)
Crowell, TX	(001)	450	33.98	99.71
Henrietta, TX	(002)	288	33.94	98.22
Durant, OK	(003)	211	33.94	96.40
Throckmorton, TX	(004)	405	33.19	99.18
Denton, TX	(005)	193	33.20	97.19
Abilene, TX	(006)	532	32.43	99.69
Ennis, TX	(007)	150	32.33	96.66
Brownwood, TX	(008)	502	31.71	99.10
Hewitt, TX	(009)	184	31.48	97.20
Menard, TX	(010)	588	30.94	99.81
Burnet, TX	(011)	387	30.74	98.23
College Station, TX	(012)	79	30.64	96.47
Ft. Sill, OK	(101)	361	34.67	98.41
Post, TX	(102)	772	33.20	101.34

### 3. Rawinsonde Data

3.1 Collection of the Data. Raw data from National Weather Service stations were received by the Atmospheric Sciences Division, NASA, Marshall Space Flight Center (MSFC), Alabama, and forwarded to TAMU after initial processing. Data from the special network were sent directly to TAMU.

3.2 Methods of Processing. The procedure used to compute the soundings is that used for previous AVEs and is described by Fuelberg (1974). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include centered differences on computed winds and checks on lapse rates of computed temperatures and dew points. Constant-pressure charts were plotted for the regional and meso- $\beta$  networks, and time cross-sections were analyzed for each station. Suspected errors were checked against the original strip chart information and appropriate corrections made.

The final rawinsonde data set of the AVE/VAS III experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences, and subsequently interpolated to each contact or 25-mb level.

It should be noted that humidity values, including dew point temperatures, were computed only at temperatures above  $-40^{\circ}\text{C}$ ; at temperatures below  $-40^{\circ}\text{C}$ , humidity values are missing and are indicated by a field of nines (e.g., 99.9 or 999.9). Moisture values were computed if the relative humidity exceeded 1%. If the value was below 1%, it was set equal to 1% and used in the computation of other moisture variables. The humidity equations described by Fuelberg (1974) were used in processing data from sondes using the old-type hygristors; computations for sondes with new carbon hygristors were performed using humidity equations currently in use by the National Weather Service.

3.3 Accuracy Estimates. Estimates of the r.m.s errors in the wind and thermodynamic quantities of the AVE/VAS III data are the same as those for all previous AVEs and are given by Fuelberg (1974). The error estimates for thermodynamic variables are presented in Table 4.

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Table 4. Estimates of the RMS errors in thermodynamic quantities of AVE/VAS rawinsonde data.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

Table 5. Estimates of RMS errors in AVE/VAS rawinsonde wind data.

Pressure	RMS errors ( $\text{m s}^{-1}$ ) in speed		RMS errors (deg) in direction	
	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5



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The r.m.s. errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum r.m.s. errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 degree elevation angles are presented in Table 5. The accuracy of the wind data at pressure contacts at 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, the errors stated for the 30-s wind were maxima for the stated conditions.

3.4 Presentation of Data. An example of AVE/VAS III contact data is given in Table 6, with the explanation of column headings in Table 7. The first line of data for time 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb) and an angle identifier with the value of 0 for 30-s angle input and 1 for 1-min angle input.

Winds based on low elevation angles are denoted by asterisks. One asterisk denotes elevation angles less than  $10^{\circ}$  but greater than  $6^{\circ}$ , while two asterisks denote angles less than  $6^{\circ}$ . These levels have been specially noted because caution must be exercised in the use of this data; winds computed at low elevation angles are subject to rather large r.m.s. errors.

Levels containing temperatures or times which have been interpolated are also denoted by asterisks. Missing temperatures and times at contacts are replaced by linear interpolation. A limit was set on this interpolation so that it would not extend for more than five contact levels. Interpolation over deeper layers could lead to inaccurate temperatures and geopotential heights, especially if data were missing in a surface inversion or near the tropopause. The deeper layers of missing data which exceed the five contact limit are denoted by two asterisks.

The contact data interpolated to 25-mb intervals are presented in Appendices I and II. The column headings are identical to those used for the contact data and are described in Table 7. The soundings are arranged by station number beginning with the special stations, and appear in ascending order by time for each station. The first line of each sounding

Table 6. Example of contact sounding data for AVE/VAS III.

STATION NO. 1 CROWELL, TEXAS													
27 MARCH 1982													
1206 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT I DG K	MX RIO GM/KG	RH PCT
0.0	9.3	449.9	963.5	4.1	4.1	999.9	99.9	99.9	99.9	280.2	283.9	5.3	100.0
0.0	10.0	513.5	956.0	4.1*	99.9	999.9	99.9	99.9	99.9	280.9	283.9	5.3	999.9
0.4	11.0	607.4	945.0	3.6	99.9	999.9	99.9	99.9	99.9	281.3	283.9	5.3	999.9
0.7	12.0	702.1	934.0	2.8	99.9	999.9	99.9	99.9	99.9	281.4	283.9	5.3	999.9
1.2	13.0	797.9	923.0	1.9	1.2	999.9	99.9	99.9	99.9	281.5	283.2	4.5	999.9
1.6	14.0	885.8	913.0	1.3	0.5	999.9	99.9	99.9	99.9	281.7	283.2	4.4	999.9
1.9	15.0	983.4	902.0	0.8	0.0	999.9	99.9	99.9	99.9	282.2	283.3	4.3	999.9
2.3	16.0	1082.1	891.0	0.6	0.0	999.9	99.9	99.9	99.9	283.0	284.1	4.2	999.9
2.7	17.0	1181.8	880.0	-0.0	-0.8	999.9	99.9	99.9	99.9	283.3	284.1	4.1	999.9
3.1	18.0	1282.7	869.0	0.2	-0.7	999.9	99.9	99.9	99.9	284.5	285.6	4.2	999.9
3.4	19.0	1375.6	859.0	0.2	-0.7	999.9	99.9	99.9	99.9	285.5	286.7	4.3	999.9
3.8	20.0	1479.1	848.0	0.2	-0.7	999.9	99.9	99.9	99.9	286.7	287.9	4.3	999.9
4.3	21.0	1574.3	838.0	0.3	-0.6	999.9	99.9	99.9	99.9	287.7	289.3	4.4	999.9
4.6	22.0	1670.7	828.0	0.2	-0.7	999.9	99.9	99.9	99.9	288.5	290.2	4.4	999.9
4.9	23.0	1778.0	817.0	0.2*	-0.7	999.9	99.9	99.9	99.9	289.6	291.6	4.4	999.9
5.4	24.0	1876.9	807.0	0.2*	-0.7	999.9	99.9	99.9	99.9	290.6	292.7	4.5	999.9
6.0	25.0	1977.0	797.0	0.2*	-0.7	999.9	99.9	99.9	99.9	291.8	294.0	4.6	999.9
6.5	26.0	2078.3	787.0	0.2	-0.7	999.9	99.9	99.9	99.9	292.7	295.3	4.6	999.9
6.9	27.0	2191.4	776.0	0.3*	-0.7	999.9	99.9	99.9	99.9	293.9	296.8	4.7	999.9
7.4	28.0	2295.5	766.0	0.3	-0.6	999.9	99.9	99.9	99.9	295.1	298.2	4.8	999.9
7.9	29.0	2401.1	756.0	0.3	-0.6	999.9	99.9	99.9	99.9	296.3	299.6	4.8	999.9
8.4	30.0	2497.2	747.0	-0.2	-1.1	999.9	99.9	99.9	99.9	298.7	301.0	4.7	999.9
8.8	31.0	2616.1	736.0	-0.3	-1.4	999.9	99.9	99.9	99.9	297.8	311.0	4.7	999.9
9.3	32.0	2714.6	727.0	-0.6	-1.7	999.9	99.9	99.9	99.9	298.5	311.5	4.7	999.9
9.9	33.0	2825.5	717.0	-0.8	-1.8	999.9	99.9	99.9	99.9	299.5	312.6	4.7	999.9
10.2	34.0	2937.7	707.0	-1.3	-2.3	999.9	99.9	99.9	99.9	300.2	313.1	4.6	999.9
10.8	35.0	3051.4	697.0	-1.5*	-2.5	999.9	99.9	99.9	99.9	301.2	314.9	4.5	999.9
11.3	36.0	3155.1	688.0	-1.8	-2.8	999.9	99.9	99.9	99.9	302.0	314.9	4.5	999.9
11.6	37.0	3271.6	678.0	-2.6*	-3.5	999.9	99.9	99.9	99.9	302.4	314.7	4.4	999.9
12.3	38.0	3377.6	669.0	-3.4*	-4.1	999.9	99.9	99.9	99.9	302.7	314.7	4.4	999.9
12.8	39.0	3496.8	659.0	-4.2*	-4.9	999.9	99.9	99.9	99.9	303.1	314.6	4.0	999.9
13.3	40.0	3617.3	649.0	-5.0*	-5.6	999.9	99.9	99.9	99.9	303.5	314.5	3.8	999.9
13.8	41.0	3727.1	640.0	-5.8	-6.4	999.9	99.9	99.9	99.9	303.8	314.3	3.6	999.9
14.4	42.0	3850.6	630.0	-6.4	-7.4	999.9	99.9	99.9	99.9	304.5	314.7	3.5	999.9
14.8	43.0	3963.1	621.0	-7.0	-8.1	999.9	99.9	99.9	99.9	305.1	314.9	3.4	999.9
15.4	44.0	4077.1	612.0	-7.6	-8.6	999.9	99.9	99.9	99.9	305.7	315.3	3.3	999.9
15.5	45.0	4192.4	603.0	-8.1	-9.1	999.9	99.9	99.9	99.9	306.3	315.3	3.2	999.9
16.4	46.0	4322.3	593.0	-8.9	-10.5	999.9	99.9	99.9	99.9	306.9	315.5	3.2	999.9
16.9	47.0	4440.8	584.0	-9.3	-10.6	999.9	99.9	99.9	99.9	307.7	316.5	3.2	999.9
17.5	48.0	4560.8	575.0	-10.2	-11.5	999.9	99.9	99.9	99.9	308.1	316.3	2.8	999.9
17.9	49.0	4682.3	566.0	-11.0*	-12.4	999.9	99.9	99.9	99.9	308.5	316.3	2.6	999.9
18.4	50.0	4805.3	557.0	-12.0	-13.6	999.9	99.9	99.9	99.9	308.7	316.0	2.4	999.9
18.8	51.0	4929.9	548.0	-12.7	-14.5	999.9	99.9	99.9	99.9	309.3	316.2	2.3	999.9
19.4	52.0	5056.2	539.0	-13.4	-15.3	999.9	99.9	99.9	99.9	309.9	316.5	2.2	999.9
19.8	53.0	5184.2	530.0	-14.7	-16.8	999.9	99.9	99.9	99.9	309.9	315.9	1.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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Table 6. Concluded.

STATION NO. 1 CROWELL, TEXAS													
27 MARCH 1982													
1206 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT
20.3	54.0	5313.7	521.0	-15.8	-18.1	999.9	99.9	99.9	99.9	310.1	315.6	1.8	82.7
20.8	55.0	5430.3	513.0	-16.8	-19.1	999.9	99.9	99.9	99.9	310.3	315.4	1.6	81.7
21.3	56.0	5548.2	505.0	-17.7	-20.3	999.9	99.9	99.9	99.9	310.5	315.3	1.5	80.1
21.8	57.0	5682.6	496.0	-18.5	-21.3	999.9	99.9	99.9	99.9	311.2	315.6	1.4	79.6
22.2	58.0	5803.8	488.0	-19.2	-22.0	999.9	99.9	99.9	99.9	311.8	316.0	1.3	78.1
22.7	59.0	5926.6	480.0	-20.2	-23.1	999.9	99.9	99.9	99.9	312.1	316.0	1.2	77.3
23.2	60.0	6049.0	472.0	-20.9	-23.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
23.8	61.0	6171.4	464.0	-21.9	-24.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
24.3	62.0	6293.8	456.0	-22.9	-25.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
24.9	63.0	6416.2	448.0	-23.9	-26.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
25.4	64.0	6538.6	440.0	-24.9	-27.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
26.0	65.0	6661.0	433.0	-25.9	-28.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
26.5	66.0	6783.4	425.0	-26.9	-29.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
27.1	67.0	6905.8	418.0	-27.9	-30.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
27.6	68.0	7028.2	411.0	-28.9	-31.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
28.2	69.0	7150.6	403.0	-29.9	-32.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
28.7	70.0	7273.0	396.0	-30.9	-33.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
29.3	71.0	7395.4	388.0	-31.9	-34.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
29.8	72.0	7517.8	382.0	-32.9	-35.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
30.3	73.0	7640.2	375.0	-33.9	-36.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
30.7	74.0	7762.6	368.0	-34.9	-37.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
31.2	75.0	7885.0	361.0	-35.9	-38.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
31.6	76.0	8007.4	354.0	-36.9	-39.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
32.0	77.0	8129.8	348.0	-37.9	-40.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
32.4	78.0	8252.2	341.0	-38.9	-41.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
32.9	79.0	8374.6	334.0	-39.9	-42.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9

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Table 7. Explanation of column headings of tabulated sounding data for AVE/VAS III.

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TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew-point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between $10^{\circ}$ and $6^{\circ}$ . A double asterisk indicates that the elevation angle is less than $6^{\circ}$ .
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

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is surface data, followed by data from 1000 to 25 millibars (or to termination) successively. For the 25-mb levels where the pressure is greater than the surface pressure, missing data (nines) are indicated for each quantity. This is also done for 25-mb levels above the sounding termination point.

Table 8 contains a listing of actual sounding launch times and termination pressures for the rawinsonde stations in the special meso- $\beta$  network.

Contact and 25-mb data are available on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812.

3.5 Soundings with Abnormal Characteristics. Sounding data collected during the AVE/VAS III experiment generally are of good quality following the processing and rigorous error checking. After the final processing, three soundings were found to have discrepancies in geopotential height. These discrepancies may have been due to a problem with baseline calibration, or to some other unresolved error. These soundings are listed in Table 9, and are presented in Appendix II.

Fifteen soundings in Appendix I had missing data layers that exceeded the five contact limit. These soundings are listed in Table 10. Because of the possible inaccuracy of linear interpolation of temperature in these soundings, temperatures in the deep layers were not interpolated. Heights could not be computed above the layer of missing temperatures.

A second copy of the affected soundings is presented in Appendix II. In these soundings the linear interpolation was performed, so they may contain less accurate temperatures and geopotential heights. Other derived quantities (wind direction, speed, u- and v- components and sonde range and azimuth) will be affected by the use of inaccurate geopotential heights in their computations. These soundings should be considered carefully before use.

#### 4. Other Data

Ground temperatures at a depth of 2 cm (approx.) were taken at special stations maintained by TAMU. These measurements were taken immediately after the sounding launch. These temperatures are presented in Table 11.

Table 8. Launch time (GMT) and termination pressure (mb) for soundings from the AVE/VAS meso- $\beta$ -scale network.

Date	3/27/82	3/28/82						
Crowell, TX (001)	1206 334mb	1412 512mb	1720 140mb	2003 671mb	2047 660mb	2326 45mb	0211 50mb	--
Henzietta, TX (002)	1105 403mb	1400 723mb	1705 74mb	2000 74mb	2300 119mb	0208 59mb	0500 74mb	
Durant, OK (003)	1159 150mb	1405 53mb	1658 55mb	2019 779mb	2300 51mb	0207 52mb	0510 51mb	
Throckmorton, TX (004)	1202 115mb	--	1745 23mb	2000 14mb	2300 21mb	0213 108mb	0510 15mb	
Denton, TX (005)	1111 41mb	1419 10mb	1713 12mb	2025 29mb	2320 11mb	0206 13mb	0500 13mb	
Abilene, TX (006)	1150 22mb	1415 20mb	1730 26mb	2040 14mb	2302 10mb	0300 19mb	0510 17mb	
Ennis, TX (007)	1119 81mb	1406 102mb	1703 82mb	2008 16mb	2304 87mb	0223 46mb	0514 50mb	
Brownwood, TX (008)	--	--	1700 37mb	2000 26mb	2300 73mb	0207 11mb	0503 120mb	
Hewitt, TX (009)	1145 16mb	1406 12mb	1726 16mb	2000 16mb	2300 8mb	0205 11mb	0500 9mb	
Menard, TX (010)	1137 41mb	1424 30mb	--	--	2316 10mb	0225 31mb	0600 13mb	
Burnet, TX (011)	--	1405 14mb	1705 12mb	2005 22mb	2304 10mb	0209 25mb	0502 10mb	
College Station (012)	1154 654mb	1405 460mb	--	--	2310 297mb	0210 181mb	0551 207mb	
Ft Sill, OK (01)	1140 66mb	1455 28mb	--	2056 270mb	2310 15mb	0215 14mb	0535 19mb	
Post, TX (102)	1153 68mb	1406 61mb	1705 69mb	2005 48mb	2315 55mb	0220 60mb	0510 62mb	
Stephenville, TX (260)	1115 225mb	1415 9mb	1715 8mb	2015 13mb	2300 15mb	0215 10mb	0515 9mb	

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Table 9. AVE/VAS III soundings with abnormal characteristics.

Station		Date/GMT	Explanation
Denton, TX	(005)	27/2025	Heights 20 m low at 500 mb, 60 m low at 200 mb
College Station, TX	(012)	28/0210	Heights 20 m low at 500 mb, 60 m low at 200 mb
Stephenville, TX	(260)	28/0215	Heights 20 m low at 500 mb, 60 m low at 200 mb

Table 10. AVE/VAS III soundings with more than five successive contacts with missing temperatures.

Station		Date/GMT	Explanation
Crowell, TX	(001)	27/1206	Missing data 472-396 mb
Henrietta, TX	(002)	27/1105	Missing data 603-482 mb
Durant, OK	(003)	27/2300	Missing data 670-589 mb
		28/0207	Missing data 572-486 mb
Throckmorton, TX	(004)	28/0213	Missing data 562-486 mb
Abilene, TX	(006)	27/1150	Missing data 329-297 mb 140-118 mb and 81-60 mb
Hewitt, TX	(009)	27/1145	Missing data 364-286 mb
Menard, TX	(010)	28/0600	Missing data sfc-899 mb
Burnet, TX	(011)	27/1405	Missing data 182-136 mb
College Station, TX	(012)	27/2310	Missing data 607-546 mb
Little Rock, AR	(340)	27/1100	Missing data 522-466 mb
		28/0200	Missing data 372-331 mb
Amarillo, TX	(363)	28/0500	Missing data 95-73 mb
Denver, CO	(469)	27/1715	Missing data 696-653 mb
		27/2015	Missing data sfc-784 mb



Table 11. Ground temperatures ( $^{\circ}\text{C}$ ) at a depth of 2 cm at special rawinsonde stations on March 27-28 1982.

Station	Time (GMT)						
	12	15	18	21	00	03	06
Crowell, TX	7.1	6.8	--	7.7	6.3	8.4	--
Henrietta, TX	9.3	6.8	7.0	6.7	6.3	--	5.9
Durant, OK	--	--	11.0	--	11.0	11.0	10.9
Throckmorton, TX	8.4	8.4	9.1	9.2	8.5	7.5	--
Denton, TX	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Abilene, TX	8.2	9.0	9.9	10.0	--	8.1	7.1
Ennis, TX	--	11.7	10.1	10.3	9.8	8.9	8.9
Brownwood, TX	--	--	9.5	11.0	10.5	10.0	10.0
Hewitt, TX	7.9	8.1	--	--	10.4	10.2	9.5
Menard, TX	8.4	9.6	--	--	10.3	8.8	8.4
Burnet, TX	10.7	10.3	10.9	11.2	10.4	9.2	7.8
College Station, TX	10.9	10.5	--	11.0	10.1	9.2	8.9

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### Acknowledgements

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Luke P. Gilchrist, president of GLG Company, Inc. He assisted in setting up the special rawinsonde stations manned by TAMU, and directed the coding of National Weather Service soundings.

Jake Canglose, who provided expert guidance for the five TAMU technicians. Their efforts in maintaining, repairing, and sometimes even rebuilding the equipment used in the special network made the collection of this sounding data possible.

Dr. James R. Scoggins, who directed the field program conducted by TAMU, and the forty student workers who participated in the field work. These people worked long hours under adverse weather conditions to collect data, and later assisted in the coding and processing of the data.

### Reference

Fuelberg, H. E., 1974: Reduction and error analysis of the AVE II pilot experiment data. NASA Contractor Report CR-120496. Marshall Space Flight Center, Alabama, 140 pp.

**APPENDIX I**

**AVE/VAS III Rawinsonde Data**

**Presented at 25-mb Intervals**

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STATION NO. 1  
CROWELL, TEXAS  
27 MARCH 1982  
1206 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	449.9	983.5	4.1	4.1	999.9	99.9	99.9	99.9	280.2	293.9	5.3	100.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	10.5	564.7	950.0	3.8*	99.9	99.9	99.9	99.9	99.9	281.5	99.9	99.9	99.9	999.9	999.9
1.1	12.8	780.5	925.0	2.1	99.9	99.9	99.9	99.9	99.9	282.3	99.9	4.2	94.3	999.9	999.9
2.0	15.2	1001.3	900.0	0.8	-0.0	999.9	99.9	99.9	99.9	283.9	99.9	4.1	94.2	999.9	999.9
2.9	17.5	1227.7	875.0	0.1	-0.7	999.9	99.9	99.9	99.9	284.8	99.9	4.3	93.8	999.9	999.9
3.7	19.8	1460.3	850.0	0.2	-0.7	999.9	99.9	99.9	99.9	285.8	99.9	4.4	93.8	999.9	999.9
4.7	22.3	1700.0	825.0	0.2*	-0.7	999.9	99.9	99.9	99.9	286.8	99.9	4.5	93.8	999.9	999.9
5.8	24.7	1947.0	800.0	0.2*	-0.7	999.9	99.9	99.9	99.9	287.8	99.9	4.7	93.8	999.9	999.9
6.9	27.1	2201.8	775.0	0.2*	-0.7	999.9	99.9	99.9	99.9	288.6	99.9	4.8	93.8	999.9	999.9
8.2	29.7	2465.1	750.0	-0.0	-1.0	999.9	99.9	99.9	99.9	289.6	99.9	4.7	92.7	999.9	999.9
9.4	32.2	2736.8	725.0	-0.7	-1.7	999.9	99.9	99.9	99.9	290.7	99.9	4.6	92.7	999.9	999.9
10.6	34.7	3017.3	700.0	-1.5*	-2.5	999.9	99.9	99.9	99.9	291.8	99.9	4.6	92.7	999.9	999.9
12.0	37.3	3306.9	675.0	-2.8*	-3.7	999.9	99.9	99.9	99.9	292.9	99.9	4.3	93.6	999.9	999.9
13.3	39.9	3605.3	650.0	-4.9*	-5.8	999.9	99.9	99.9	99.9	293.5	99.9	3.8	93.6	999.9	999.9
14.6	42.6	3913.1	625.0	-6.7	-7.8	999.9	99.9	99.9	99.9	294.8	99.9	3.4	92.1	999.9	999.9
16.0	45.3	4231.4	600.0	-8.4	-9.5	999.9	99.9	99.9	99.9	296.1	99.9	3.1	91.2	999.9	999.9
17.5	48.0	4560.8	575.0	-10.2	-11.5	999.9	99.9	99.9	99.9	297.2	99.9	2.8	89.8	999.9	999.9
18.7	50.8	4902.3	550.0	-12.6	-14.3	999.9	99.9	99.9	99.9	298.2	99.9	2.3	86.9	999.9	999.9
20.1	53.6	5256.1	525.0	-15.3	-17.5	999.9	99.9	99.9	99.9	299.2	99.9	1.8	83.3	999.9	999.9
21.6	56.6	5622.9	500.0	-18.2	-20.8	999.9	99.9	99.9	99.9	300.0	99.9	1.4	79.4	999.9	999.9
23.0	59.6	599.9	475.0	99.9**	99.9	999.9	99.9	99.9	99.9	300.9	99.9	99.9	99.9	999.9	999.9
24.8	62.8	99.9	450.0	99.9**	99.9	999.9	99.9	99.9	99.9	301.9	99.9	99.9	99.9	999.9	999.9
26.5	66.0	99.9	425.0	99.9**	99.9	999.9	99.9	99.9	99.9	302.9	99.9	99.9	99.9	999.9	999.9
28.4	69.4	99.9	400.0	99.9**	99.9	999.9	99.9	99.9	99.9	303.5	99.9	99.9	99.9	999.9	999.9
30.3	73.0	99.9	375.0	-30.6	-56.7	999.9	99.9	99.9	99.9	304.8	99.9	0.0	5.7	999.9	999.9
31.9	76.7	99.9	350.0	-34.6	-61.6	999.9	99.9	99.9	99.9	306.1	99.9	0.0	4.5	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	307.2	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	308.1	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	309.2	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	310.0	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	310.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	311.8	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	312.7	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	313.4	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	315.6	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	316.3	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	317.2	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	318.2	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 1  
CROWELL, TEXAS

27 MARCH 1982  
1412 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	449.9	965.4	4.2	4.2	99.9	99.9	99.9	99.9	280.2	292.9	5.4	100.0	999.9	999.9
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	11.5	580.8	950.0	3.4	2.0	99.9	99.9	99.9	99.9	280.6	293.1	4.9	94.2	999.9	999.9
1.3	13.8	796.7	925.0	1.5	0.5	99.9	99.9	99.9	99.9	280.8	292.7	4.4	94.5	999.9	999.9
2.3	16.2	1017.2	900.0	0.4	-0.5	99.9	99.9	99.9	99.9	281.9	292.7	4.1	93.7	999.9	999.9
3.0	18.5	1243.2	875.0	-0.3	-1.3	99.9	99.9	99.9	99.9	282.5	292.0	4.0	93.1	999.9	999.9
3.9	20.9	1475.3	850.0	-0.4*	-1.4	99.9	99.9	99.9	99.9	283.8	292.0	4.1	93.1	999.9	999.9
4.8	22.3	1714.4	825.0	-0.5*	-1.5	99.9	99.9	99.9	99.9	285.0	292.2	4.2	93.1	999.9	999.9
5.5	25.8	1960.4	800.0	-0.6*	-1.7	99.9	99.9	99.9	99.9	286.0	292.2	4.4	92.1	999.9	999.9
6.3	28.3	2214.4	775.0	-0.8	-2.0	99.9	99.9	99.9	99.9	287.8	307.9	4.4	92.2	999.9	999.9
7.2	30.8	2477.0	750.0	-0.9	-2.5	99.9	99.9	99.9	99.9	295.6	310.1	4.4	92.8	999.9	999.9
8.2	33.4	2747.7	725.0	-1.5	-3.2	99.9	99.9	99.9	99.9	300.1	312.3	4.3	92.6	999.9	999.9
9.1	36.0	3027.4	700.0	-2.2*	-4.8	99.9	99.9	99.9	99.9	301.5	312.9	4.0	92.5	999.9	999.9
10.2	38.7	3316.1	675.0	-2.7*	-6.7	99.9	99.9	99.9	99.9	302.6	312.9	3.6	92.2	999.9	999.9
11.2	41.3	3613.7	650.0	-5.6	99.9	99.9	99.9	99.9	99.9	303.8	312.9	99.9	999.9	999.9	999.9
12.2	44.0	3920.3	625.0	-7.5	99.9	99.9	99.9	99.9	99.9	304.9	312.9	99.9	999.9	999.9	999.9
13.3	46.8	4236.8	600.0	-9.7	99.9	99.9	99.9	99.9	99.9	305.3	312.9	99.9	999.9	999.9	999.9
14.6	49.7	4563.6	575.0	-12.5	99.9	99.9	99.9	99.9	99.9	306.2	312.9	99.9	999.9	999.9	999.9
15.8	52.4	4901.3	550.0	-13.1	99.9	99.9	99.9	99.9	99.9	306.9	312.9	99.9	999.9	999.9	999.9
16.8	55.4	5251.0	525.0	-17.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
19.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
20.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
21.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
22.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
23.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
24.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
25.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
26.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
27.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
28.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
29.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
30.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
31.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
32.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
33.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
34.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
35.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
36.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
37.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
38.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. TEXAS CROWELL, TEXAS															108	140.	0
27 MARCH 1982																	
1720 GMT																	
TIME	UNCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT	E POT	MX RTO	RH	RANGE	AZ		
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG		
0.0	8.8	449.9	967.4	3.2	3.2	100.0	5.2	-5.1	0.9	279.0	291.7	5.0	100.0	0.0	0.		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.6	10.5	596.7	975.0	1.4	0.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
1.5	12.7	811.1	925.0	0.2	-0.5	99.9	99.9	99.9	99.9	278.5	289.9	4.2	94.7	99.9	99.9		
2.3	15.0	1030.7	900.0	-0.3	-0.9	99.9	99.9	99.9	99.9	278.5	289.9	4.0	95.2	99.9	99.9		
3.1	17.4	1256.3	875.0	-0.9	-1.7	99.9	99.9	99.9	99.9	278.5	289.9	3.9	95.5	99.9	99.9		
4.1	19.7	1487.9	850.0	-0.9	-1.6	99.9	99.9	99.9	99.9	278.5	289.9	4.0	94.3	99.9	99.9		
5.0	22.1	1726.8	825.0	-0.4	-1.6	99.9	99.9	99.9	99.9	278.5	289.9	4.1	94.3	99.9	99.9		
6.0	24.6	1973.2	800.0	-1.0	-1.7	99.9	99.9	99.9	99.9	278.5	289.9	4.2	94.3	99.9	99.9		
7.2	27.0	2227.0	775.0	-0.4	-1.1	99.9	99.9	99.9	99.9	278.5	289.9	4.5	95.0	99.9	99.9		
8.1	29.5	2489.2	750.0	-1.6	-2.2	99.9	99.9	99.9	99.9	278.5	289.9	4.4	95.5	99.9	99.9		
9.2	32.0	2759.3	725.0	-2.0	-2.6	99.9	99.9	99.9	99.9	278.5	289.9	4.4	95.7	99.9	99.9		
10.1	34.6	3038.0	700.0	-3.5	-4.1	99.9	99.9	99.9	99.9	278.5	289.9	4.0	95.7	99.9	99.9		
11.1	37.1	3324.7	675.0	-5.6	-6.4	99.9	99.9	99.9	99.9	278.5	289.9	3.5	94.3	99.9	99.9		
12.2	39.7	3620.2	650.0	-7.3	-11.3	99.9	99.9	99.9	99.9	278.5	289.9	2.5	92.7	99.9	99.9		
13.5	42.4	3924.6	625.0	-9.1	-16.2	99.9	99.9	99.9	99.9	278.5	289.9	1.7	85.9	99.9	99.9		
14.9	45.1	4240.0	600.0	-10.1	-18.0	99.9	99.9	99.9	99.9	278.5	289.9	1.5	82.2	99.9	99.9		
16.0	47.9	4567.1	575.0	-11.8	-26.3	99.9	99.9	99.9	99.9	278.5	289.9	0.9	72.8	99.9	99.9		
17.1	50.7	4906.2	550.0	-13.9	-28.3	99.9	99.9	99.9	99.9	278.5	289.9	0.7	68.5	99.9	99.9		
18.5	53.7	5258.0	525.0	-16.0	-35.5	99.9	99.9	99.9	99.9	278.5	289.9	0.4	63.6	99.9	99.9		
19.7	56.6	5623.8	500.0	-18.7	-34.5	99.9	99.9	99.9	99.9	278.5	289.9	0.4	63.6	99.9	99.9		
21.1	59.5	6004.4	475.0	-21.1	-37.1	99.9	99.9	99.9	99.9	278.5	289.9	0.3	63.6	99.9	99.9		
22.6	62.6	6400.7	450.0	-24.3	-42.3	99.9	99.9	99.9	99.9	278.5	289.9	0.2	63.6	99.9	99.9		
24.1	65.9	6815.1	425.0	-26.8	-46.4	99.9	99.9	99.9	99.9	278.5	289.9	0.1	63.6	99.9	99.9		
25.6	69.1	7250.4	400.0	-29.0	-49.9	99.9	99.9	99.9	99.9	278.5	289.9	0.1	63.6	99.9	99.9		
27.1	72.6	7711.4	375.0	-30.7	-54.3	99.9	99.9	99.9	99.9	278.5	289.9	0.1	63.6	99.9	99.9		
28.8	76.1	8198.4	350.0	-33.2	-55.9	99.9	99.9	99.9	99.9	278.5	289.9	0.1	63.6	99.9	99.9		
30.4	79.9	8714.4	325.0	-37.6	-59.2	99.9	99.9	99.9	99.9	278.5	289.9	0.1	63.6	99.9	99.9		
32.2	83.7	9282.0	300.0	-41.8	-69.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
34.1	87.6	9845.9	275.0	-46.3	-79.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
35.9	92.0	10473.1	250.0	-50.7	-89.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
38.1	96.6	11154.4	225.0	-53.1	-99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
40.4	101.4	11914.0	200.0	-52.9	-99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
42.8	106.8	12771.1	175.0	-54.7	-99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
45.5	112.6	13755.2	150.0	-56.3	-99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	278.5	289.9	0.0	63.6	99.9	99.9		

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 1  
CROWELL, TEXAS

27 MARCH 1982  
2003 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	449.9	968.8	4.2	3.4	90.0	5.2	-5.2	0.0	279.9	292.8	5.0	94.2	0.0	0.
99.9	99.9	1000.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.4	608.5	950.0	1.7	0.7	75.1	6.0	-5.8	-1.5	278.8	298.9	4.2	92.8	0.2	258.
1.4	13.7	823.2	925.0	0.3	-0.8	74.2	4.9	-4.7	-1.3	278.8	288.7	3.8	92.3	0.4	255.
2.2	18.1	1042.6	900.0	-1.0	-2.1	74.7	4.9	-4.7	-1.3	280.5	280.1	3.6	91.7	0.7	255.
3.1	18.5	1267.4	875.0	-1.5	-2.3	74.8	4.5	-4.3	-2.9	282.3	281.8	3.6	91.6	0.9	255.
4.2	20.9	1498.6	850.0	-0.2	-1.4	71.1	8.8	-12.3	-9.7	285.0	285.1	3.8	91.2	1.2	252.
5.1	23.3	1737.5	825.0	-1.1	-2.3	52.6	15.9	-10.1	-16.9	290.0	300.9	4.0	91.7	2.1	255.
6.1	25.8	1983.8	800.0	-1.1	-2.9	149.2	19.6	-10.1	13.7	291.5	303.8	4.0	92.0	2.6	248.
7.2	28.3	2237.0	775.0	-1.6	-2.7	238.0	16.4	8.9	13.7	294.9	306.5	4.2	92.0	3.1	285.
8.2	30.8	2498.5	750.0	-1.6	-3.6	238.0	10.5	8.7	4.0	298.5	307.7	4.0	92.1	2.8	288.
9.2	33.3	2768.4	725.0	-2.7	-5.5	888.9	6.3	4.9	4.0	298.5	307.7	3.8	91.3	2.8	288.
10.3	35.9	3046.1	700.0	-4.3	-5.5	888.9	99.9	99.9	99.9	297.7	308.0	3.8	91.3	2.8	288.
11.4	38.6	3332.6	675.0	-5.1	-5.5	99.9	99.9	99.9	99.9	299.9	308.0	3.8	91.3	2.8	288.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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STATION NO. 1  
CROWELL, TEXAS

27 MARCH 1982  
2328 GMT

143 45. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	449.9	969.1	3.0	3.0	90.0	4.1	-4.1	0.0	278.6	291.2	4.9	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.5	810.6	950.0	0.6	0.3	97.1	9.7	-9.6	1.2	228.7	238.7	3.8	95.4	0.2	273.
1.4	13.9	824.5	925.0	-0.6	-0.2	96.9	9.7	-9.6	1.2	228.7	238.5	3.5	95.0	0.2	277.
2.3	18.3	1043.3	900.0	-1.6	-2.6	104.3	9.7	-7.6	1.9	228.7	238.5	3.5	94.2	0.2	277.
3.2	18.7	1267.1	875.0	-3.2	-4.1	119.8	6.7	-5.8	3.3	280.5	289.0	3.7	92.9	1.6	280.
4.0	21.2	1497.3	850.0	-1.6	-2.6	183.6	2.5	0.2	2.5	284.5	294.4	3.7	92.6	1.6	284.
4.9	23.7	1735.4	825.0	-1.3	-2.4	350.9	1.7	0.3	-1.7	287.2	297.7	3.9	92.6	1.6	284.
5.8	26.2	1980.9	800.0	-1.5	-2.6	43.9	2.2	-1.5	-1.6	289.6	300.3	4.0	92.4	1.6	284.
6.6	28.7	2233.6	775.0	-2.5	-3.9	102.8	2.1	-2.1	0.5	291.1	301.3	3.7	90.6	1.9	278.
7.8	31.3	2484.6	750.0	-1.6	-2.6	219.7	2.1	-1.3	1.6	294.9	301.3	3.7	90.6	1.9	278.
8.8	33.9	2784.1	725.0	-3.2	-4.2	280.3	7.3	7.2	1.0	295.9	308.7	3.9	92.8	2.0	280.
9.8	36.6	3041.6	700.0	-4.8	-5.8	285.1	7.3	7.2	0.6	297.2	308.7	3.9	92.8	2.0	280.
10.9	39.2	3327.3	675.0	-5.2	-6.1	999.9	99.9	99.9	99.9	299.9	308.8	3.1	92.7	1.3	289.
12.0	42.0	3623.3	650.0	-6.3	-14.4	999.9	99.9	99.9	99.9	301.8	307.5	1.9	92.7	1.3	289.
13.1	44.7	3930.5	625.0	-6.4	-21.7	999.9	99.9	99.9	99.9	305.1	308.6	1.1	92.8	1.3	289.
14.3	47.4	4248.7	600.0	-7.9	-30.7	999.9	99.9	99.9	99.9	307.0	308.6	0.5	92.9	1.3	289.
15.5	50.3	4577.8	575.0	-10.5	-31.6	999.9	99.9	99.9	99.9	307.7	309.3	0.5	92.9	1.3	289.
16.8	53.3	4918.7	550.0	-12.2	-39.9	999.9	99.9	99.9	99.9	309.7	309.9	0.5	92.9	1.3	289.
18.0	56.3	5272.5	525.0	-14.9	-49.9	999.9	99.9	99.9	99.9	310.5	309.9	0.2	92.9	1.3	289.
19.3	59.3	5639.9	500.0	-17.1	-45.7	999.9	99.9	99.9	99.9	312.1	313.7	0.1	92.9	1.3	289.
20.8	62.4	6022.5	475.0	-20.0	-48.4	999.9	99.9	99.9	99.9	313.3	314.4	0.1	92.9	1.3	289.
22.3	65.6	6421.0	450.0	-23.2	-50.5	999.9	99.9	99.9	99.9	314.1	314.7	0.1	92.9	1.3	289.
23.8	68.9	6836.1	425.0	-27.0	-52.4	999.9	99.9	99.9	99.9	314.9	317.2	0.1	92.9	1.3	289.
25.2	72.1	7271.2	400.0	-31.3	-55.1	999.9	99.9	99.9	99.9	315.9	317.2	0.1	92.9	1.3	289.
26.7	75.7	7729.7	375.0	-35.6	-59.9	999.9	99.9	99.9	99.9	316.4	317.2	0.1	92.9	1.3	289.
28.2	79.3	8213.5	350.0	-39.1	-59.9	999.9	99.9	99.9	99.9	316.8	317.2	0.1	92.9	1.3	289.
29.9	83.0	8725.0	325.0	-42.3	-59.9	999.9	99.9	99.9	99.9	317.2	317.2	0.1	92.9	1.3	289.
31.7	87.0	9269.9	300.0	-46.5	-59.9	999.9	99.9	99.9	99.9	317.2	317.2	0.1	92.9	1.3	289.
33.6	91.0	9853.2	275.0	-48.5	-59.9	280.5	41.5	40.8	-7.6	327.9	327.9	99.9	99.9	27.3	107.
35.5	95.4	10479.2	250.0	-51.1	-59.9	273.4	42.8	42.7	-2.6	330.1	327.9	99.9	99.9	31.5	106.
37.6	100.0	11158.5	225.0	-54.9	-59.9	271.7	48.6	48.6	-4.1	334.4	327.9	99.9	99.9	37.5	103.
39.7	105.0	11908.1	200.0	-58.5	-59.9	274.7	49.8	49.7	-3.2	343.3	327.9	99.9	99.9	43.2	102.
42.0	110.4	12761.8	175.0	-54.3	-59.9	274.7	39.8	39.8	-6.8	350.3	327.9	99.9	99.9	49.6	101.
44.8	116.2	13749.0	150.0	-55.8	-59.9	279.2	43.0	42.5	-6.8	350.3	327.9	99.9	99.9	56.1	101.
48.1	122.7	14904.2	125.0	-58.4	-59.9	287.4	27.3	27.2	-1.3	359.4	327.9	99.9	99.9	63.4	100.
51.6	130.3	16293.3	100.0	-61.3	-59.9	279.6	27.5	27.1	-4.6	409.3	327.9	99.9	99.9	68.5	100.
56.3	139.0	18066.8	75.0	-62.9	-59.9	243.6	22.8	20.4	10.1	441.1	327.9	99.9	99.9	76.0	100.
62.7	149.0	20577.9	50.0	-59.5	-59.9	999.9	99.9	99.9	99.9	503.3	327.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 1  
CROWELL, TEXAS  
28 MARCH 1982  
211 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	449.9	971.1	2.9	2.9	100.0	3.6	-3.5	0.6	278.4	290.8	4.9	100.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.8	11.8	827.2	950.0	0.7	0.0	102.8	10.5	-10.2	2.3	278.0	288.3	4.0	94.4	0.4	282.0
1.7	14.3	841.2	925.0	-0.5	-1.3	104.0	9.3	-9.0	2.2	278.8	288.5	3.8	94.4	0.9	282.0
2.5	16.7	1080.0	900.0	-1.9	-2.7	107.0	8.7	-8.2	2.8	279.6	288.7	3.5	94.0	1.3	283.0
3.3	19.1	1284.0	875.0	-1.8	-2.7	109.1	5.2	-4.9	1.5	281.9	291.3	3.6	93.8	1.7	286.0
4.1	21.5	1515.7	850.0	-1.1	-2.0	111.1	3.0	-3.4	-1.1	285.0	295.4	3.9	93.8	1.8	285.0
5.1	24.0	1753.9	825.0	-1.2	-2.2	111.1	2.2	-2.0	-1.6	287.2	297.8	3.9	93.5	2.0	280.0
5.8	26.5	1999.7	800.0	-1.2	-2.2	111.1	2.2	-2.0	-1.6	287.2	297.8	3.9	93.5	2.0	280.0
6.8	29.1	2252.0	775.0	-1.2	-2.1	111.1	2.0	-1.7	-2.5	289.8	300.9	4.1	93.2	2.1	279.0
7.7	31.7	2514.8	750.0	-1.8	-2.6	111.1	2.4	-1.7	-2.5	289.8	300.9	4.1	93.2	2.1	279.0
8.6	34.2	2784.0	725.0	-3.5	-5.0	124.2	5.4	5.2	-0.5	289.8	300.9	4.1	93.2	2.1	279.0
9.6	36.9	3061.2	700.0	-3.8	-5.0	124.2	5.4	5.2	-0.5	289.8	300.9	4.1	93.2	2.1	279.0
10.6	39.7	3349.4	675.0	-3.0	-17.7	124.2	15.8	14.4	-6.6	289.8	300.9	4.1	93.2	2.1	279.0
11.6	42.3	3647.3	650.0	-4.8	-18.3	124.2	11.9	4.3	-11.1	289.8	300.9	4.1	93.2	2.1	279.0
12.7	45.2	3955.0	625.0	-6.4	-24.0	124.2	8.2	4.1	-7.1	302.2	308.5	1.4	33.8	0.4	184.0
13.8	48.0	4273.2	600.0	-7.7	-30.8	124.2	11.1	10.8	-2.7	305.2	308.0	0.9	33.8	1.0	130.0
14.9	50.9	4602.4	575.0	-10.5	-31.1	124.2	12.6	11.7	-3.2	307.6	308.2	0.5	33.8	1.7	119.0
16.0	53.8	4942.4	550.0	-12.8	-35.7	124.2	14.2	13.2	-4.5	307.6	308.2	0.5	33.8	2.4	118.0
17.2	56.8	5286.2	525.0	-14.9	-39.9	124.2	16.4	15.9	-5.7	307.6	308.2	0.5	33.8	3.3	115.0
18.4	59.9	5631.2	500.0	-17.9	-44.8	124.2	18.0	17.3	-4.1	307.6	308.2	0.5	33.8	4.4	113.0
19.7	63.1	6045.2	475.0	-20.5	-50.1	124.2	19.2	18.5	-5.2	311.2	311.7	0.1	7.4	5.0	110.0
21.0	66.3	6443.0	450.0	-23.6	-52.4	124.2	18.8	18.2	-4.8	312.7	313.0	0.1	5.0	7.1	110.0
22.3	69.6	6858.2	425.0	-26.8	-54.4	124.2	17.1	16.5	-4.4	313.6	313.9	0.1	5.0	9.6	109.0
23.7	73.0	7292.4	400.0	-30.3	-58.3	124.2	17.4	17.1	-4.4	314.6	314.9	0.1	5.0	10.1	108.0
25.1	76.6	7749.0	375.0	-33.2	-58.8	124.2	22.3	21.8	-3.7	315.7	315.8	0.0	5.8	11.4	108.0
26.6	80.1	8230.7	350.0	-36.2	-60.6	124.2	26.4	25.5	-4.8	317.6	317.8	0.0	5.8	13.1	107.0
28.2	84.0	8740.7	325.0	-39.8	-60.6	124.2	28.5	28.0	-5.7	319.9	320.0	0.0	5.8	15.1	107.0
29.8	87.9	9282.8	300.0	-44.0	-69.9	124.2	28.5	28.0	-5.7	321.8	320.0	0.0	5.8	15.1	107.0
31.5	92.0	9861.7	275.0	-48.3	-69.9	124.2	27.9	27.7	-3.2	323.4	323.4	0.0	5.8	18.0	105.0
33.4	96.5	10483.8	250.0	-52.1	-69.9	124.2	34.4	34.2	-3.4	325.3	325.3	0.0	5.8	20.0	105.0
35.3	101.2	11150.4	225.0	-55.3	-69.9	124.2	41.6	41.5	-2.8	328.6	328.6	0.0	5.8	23.4	104.0
37.3	106.2	11910.9	200.0	-58.3	-69.9	124.2	41.6	41.7	-1.9	333.8	333.8	0.0	5.8	27.9	103.0
39.7	111.5	12764.7	175.0	-54.0	-69.9	124.2	35.2	35.1	-2.3	344.6	344.6	0.0	5.8	32.6	101.0
42.4	117.5	13754.0	150.0	-58.7	-69.9	124.2	37.9	37.9	0.7	350.8	350.8	0.0	5.8	38.0	100.0
45.4	124.0	14810.8	125.0	-57.3	-69.9	124.2	33.6	33.6	1.6	374.1	374.1	0.0	5.8	43.2	100.0
48.5	131.3	16299.7	100.0	-52.1	-69.9	124.2	20.4	20.4	-2.3	381.2	381.2	0.0	5.8	49.1	99.0
52.7	140.0	18675.1	75.0	-59.2	-69.9	124.2	13.6	13.5	-1.6	407.8	407.8	0.0	5.8	56.0	97.0
56.7	150.0	20582.4	50.0	-61.1	-69.9	124.2	99.9	99.9	99.9	499.5	499.5	99.9	99.9	85.2	97.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2 HENRIETTA, TEXAS 27 MARCH 1982 1105 GMT															64 403. 0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	287.5	985.6	4.0	2.5	60.0	5.2	-4.5	-2.6	278.3	280.2	4.7	90.0	0.0	0.
99.9	99.9	375.1	1000.0	99.9	99.9	111.1	99.9	99.9	99.9	278.3	289.9	99.9	99.9	99.9	99.9
0.4	9.0	375.1	975.0	3.1*	99.9	111.1	11.8	-11.0	4.2	278.3	289.9	99.9	99.9	0.3	289.
1.0	11.3	585.1	950.0	1.7	0.7	121.4	13.0	-11.1	6.8	278.3	289.9	4.2	93.0	0.6	280.
1.8	13.6	799.9	925.0	0.9	-0.2	135.3	14.3	-10.1	10.2	280.2	290.9	4.1	92.7	1.3	303.
2.7	16.0	1020.1	900.0	0.6	-0.5	144.4	14.1	-8.2	11.5	282.1	292.8	4.1	92.6	2.1	310.
3.4	18.4	1245.8	875.0	-1.0	-2.2	155.0	12.1	-5.1	11.0	282.8	292.7	3.7	91.6	2.6	314.
4.3	20.8	1477.2	850.0	-0.2	99.9	166.5	10.5	-2.4	10.2	285.9	298.7	99.9	99.9	3.1	319.
5.1	23.2	1715.9	825.0	-0.6	-2.1	183.7	9.2	0.6	8.2	288.0	300.6	4.0	89.1	3.6	323.
6.0	25.7	1962.1	800.0	-1.1	-2.8	204.4	9.7	4.0	8.9	290.0	302.8	3.9	88.3	3.9	328.
6.8	28.1	2215.1	775.0	-1.5	-3.4	231.1	11.8	9.2	7.4	292.2	302.8	3.9	87.2	4.1	335.
7.8	30.5	2476.9	750.0	-0.7	99.9	253.1	15.0	14.3	4.4	295.8	309.9	99.9	99.9	4.2	340.
8.8	33.1	2747.6	725.0	-0.3	99.9	253.7	16.9	16.2	4.7	299.2	309.9	99.9	99.9	4.3	359.
9.7	35.7	3037.8	700.0	-1.0	99.9	252.5	17.0	16.2	5.1	301.3	309.9	99.9	99.9	4.7	10.
10.6	38.2	3316.7	675.0	-2.7	99.9	256.8	15.9	15.5	3.6	302.6	309.9	99.9	99.9	5.1	18.
11.5	40.8	3514.7	650.0	-4.4	99.9	268.9	99.9	99.9	99.9	304.0	309.9	99.9	99.9	99.9	99.9
12.6	43.5	3922.4	625.0	-8.8	-10.4	99.9	99.9	99.9	99.9	304.7	312.9	2.8	75.6	99.9	99.9
14.0	46.3	99.9	600.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	312.9	99.9	99.9	99.9	99.9
15.4	49.1	99.9	575.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	312.9	99.9	99.9	99.9	99.9
16.8	51.9	99.9	550.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	312.9	99.9	99.9	99.9	99.9
18.3	54.9	99.9	525.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	312.9	99.9	99.9	99.9	99.9
19.8	57.9	99.9	500.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	312.9	99.9	99.9	99.9	99.9
21.3	60.9	99.9	475.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	312.9	99.9	99.9	99.9	99.9
23.0	64.0	99.9	450.0	-24.6	-33.5	99.9	99.9	99.9	99.9	312.3	314.0	0.5	43.2	99.9	99.9
25.3	67.1	99.9	425.0	-27.2	-43.0	99.9	99.9	99.9	99.9	314.1	314.8	0.2	20.4	99.9	99.9
28.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
33.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
39.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
45.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
51.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
57.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
63.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
69.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
75.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
81.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
87.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
93.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	314.8	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 2  
HENRIETTA, TEXAS

27 MARCH 1982  
1400 GMT

27 723. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	8.0	287.5	987.0	3.4	2.5	50.0	10.3	-7.9	-6.6	277.6	289.5	4.7	94.0	0.0	0.
99.9	99.9	386.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.2	386.9	975.0	2.6	2.5	90.0	10.0	-10.0	0.0	277.8	289.8	4.7	99.6	0.2	285.
1.4	11.5	596.7	950.0	1.3	1.2	102.4	9.4	-9.2	2.0	278.5	289.8	4.4	99.4	0.6	277.
2.4	14.1	811.0	925.0	0.0	-0.0	121.5	12.2	-10.4	6.4	279.4	290.0	4.1	99.3	1.3	265.
3.4	16.3	1030.7	900.0	0.0	-0.1	134.8	14.9	-10.6	10.5	281.6	292.6	4.2	98.3	2.1	285.
4.7	18.7	1256.2	875.0	-1.2	-1.3	146.0	14.8	-8.3	12.3	282.6	293.0	4.0	99.2	3.2	304.
5.6	21.2	1487.6	850.0	-1.0	-1.2	159.2	12.5	-4.4	11.7	285.1	296.0	4.1	99.2	4.9	310.
7.5	23.6	1726.1	825.0	-1.4	-1.2	184.2	10.7	0.8	10.7	287.2	301.8	4.2	99.2	5.5	318.
9.1	26.1	1971.7	800.0	-1.1	-1.2	217.2	9.9	6.0	7.9	290.0	304.1	4.4	99.2	5.5	327.
10.8	28.6	2225.1	775.0	-1.5	-1.6	247.0	9.2	8.5	3.6	292.2	304.8	4.1	99.0	5.5	348.
12.9	31.2	2485.9	750.0	-2.8	-3.0	999.9	99.9	99.9	99.9	293.5	308.2	4.3	99.9	99.9	99.9
15.5	33.8	2755.1	725.0	-2.8	-3.0	999.9	99.9	99.9	99.9	296.4	309.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2  
HENRIETTA, TEXAS  
27 MARCH 1982  
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	287.5	989.0	3.8	2.0	60.0	10.3	-8.9	-5.1	277.8	289.3	4.5	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.4	403.2	975.0	2.4	0.8	109.1	11.2	-10.6	3.7	277.5	288.2	4.2	89.0	0.3	302
1.1	10.7	612.9	950.0	0.9	0.1	118.7	11.1	-9.7	5.2	278.1	288.6	4.1	94.1	0.7	300
1.8	13.0	826.9	925.0	-0.2	-1.0	122.2	12.3	-10.4	6.6	279.1	289.1	3.9	94.5	1.1	300
2.4	15.3	1048.2	900.0	-0.8	-1.5	131.7	12.1	-9.0	8.0	280.7	289.7	3.8	95.0	1.6	302
3.4	17.7	1271.4	875.0	-1.2	-2.0	140.1	10.4	-6.7	8.0	282.6	292.6	3.8	94.0	2.2	308
4.3	20.1	1503.2	850.0	-0.4	-1.0	170.3	8.5	-1.4	8.4	285.8	296.9	4.2	95.3	2.8	310
5.3	22.5	1742.4	825.0	-0.5	-1.2	219.1	6.5	4.1	5.1	288.1	302.8	4.2	94.5	3.0	317
6.1	24.9	1988.9	800.0	-0.3	-1.1	257.4	6.1	5.9	1.3	290.8	304.4	4.4	94.5	2.9	323
7.1	27.4	2243.0	775.0	-1.2	-1.8	277.7	4.9	4.8	-0.7	292.6	304.4	4.3	95.6	2.9	328
8.0	29.9	2504.6	750.0	-2.0	-2.8	283.0	3.8	2.7	-0.9	294.4	305.8	4.1	94.1	2.6	332
8.9	32.5	2774.6	725.0	-1.9	-2.8	288.6	5.2	5.0	-1.6	297.3	308.4	4.2	94.1	2.4	336
9.8	35.1	3053.8	700.0	-2.3	-4.0	298.6	6.2	5.8	-2.8	300.0	311.5	4.1	93.5	2.2	342
10.8	37.7	3342.4	675.0	-3.8	-4.7	294.8	6.9	8.3	-2.9	303.5	313.7	3.5	85.0	1.8	349
11.8	40.3	3640.2	650.0	-4.8	-7.0	277.2	8.7	8.6	-1.1	304.5	313.8	3.2	85.1	1.9	353
12.7	43.0	3947.9	625.0	-7.0	-8.5	265.0	11.1	11.1	1.0	305.3	312.3	2.4	77.5	2.3	34
13.6	45.7	4265.5	600.0	-9.4	-12.6	263.5	12.6	12.5	1.5	306.2	312.5	2.0	75.2	2.3	45
14.6	48.4	4593.3	575.0	-11.8	-15.5	263.5	13.5	12.5	1.1	308.4	309.9	1.1	52.2	2.5	54
15.6	51.3	4931.7	550.0	-14.9	-22.5	265.0	11.7	11.4	2.8	307.1	308.5	0.7	41.1	4.3	60
16.7	54.3	5281.9	525.0	-17.5	-27.8	247.5	9.2	8.5	3.5	308.3	313.1	1.2	74.5	5.0	61
17.8	57.3	5645.9	500.0	-19.5	-28.9	247.5	7.6	7.2	2.5	310.3	312.7	0.8	58.4	5.1	62
18.0	60.3	6025.2	475.0	-22.4	-28.7	250.5	13.4	13.3	1.6	314.8	318.6	0.0	1.0	7.2	67
20.1	63.4	6419.1	450.0	-26.3	-36.0	263.0	20.9	20.9	0.5	318.6	321.5	0.0	1.0	9.2	72
21.3	66.4	6831.7	425.0	-28.7	-37.0	272.3	29.9	29.9	-1.2	322.8	322.8	0.0	1.0	15.2	80
22.6	69.7	7268.1	400.0	-28.0	-37.9	272.3	35.6	35.6	-0.4	322.8	322.8	0.0	1.0	18.5	81
24.1	73.1	7730.1	375.0	-30.3	-39.4	270.7	37.2	37.2	0.9	325.4	325.4	0.0	1.0	22.9	83
25.6	76.7	8216.7	350.0	-34.1	-41.9	269.4	39.9	39.9	-1.1	327.0	327.0	0.0	99.9	27.1	85
27.0	80.4	8732.4	325.0	-37.2	-43.9	271.5	41.7	41.6	-2.6	329.1	329.1	0.0	99.9	32.1	86
28.8	84.3	9280.2	300.0	-41.4	-46.9	273.4	43.4	43.4	-4.0	331.9	331.9	0.0	99.9	38.1	88
30.5	88.3	9865.4	275.0	-45.7	-49.9	275.4	42.9	42.7	-7.0	335.4	335.4	0.0	99.9	44.4	90
32.6	92.6	10495.0	250.0	-49.9	-53.6	279.3	42.8	42.3	-5.0	341.2	341.2	0.0	99.9	51.7	90
34.8	97.2	11177.2	225.0	-53.6	-59.9	279.3	39.7	39.6	-2.9	347.5	347.5	0.0	99.9	57.4	91
37.4	102.0	11933.4	200.0	-53.9	-59.9	277.2	38.2	38.0	-5.7	351.2	351.2	0.0	99.9	70.4	92
40.5	107.4	12792.1	175.0	-53.7	-59.9	274.3	36.5	36.5	-7.0	358.0	358.0	0.0	99.9	99.9	99.9
43.8	113.2	13777.4	150.0	-56.1	-59.9	278.5	29.2	28.3	-7.2	410.9	410.9	0.0	99.9	99.9	99.9
47.4	119.7	14927.7	125.0	-60.4	-59.9	284.3	28.2	28.2	99.9	447.8	447.8	0.0	99.9	99.9	99.9
51.7	127.0	16327.0	100.0	-60.4	-59.9	284.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57.2	135.7	18121.4	75.0	-59.7	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2  
HENRIETTA, TEXAS  
27 MARCH 1982  
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	287.5	989.0	4.1	1.6	90.0	10.0	-10.0	0.0	278.1	289.3	4.4	84.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.1	403.4	975.0	3.1	0.9	105.8	14.1	-13.6	3.8	278.2	289.0	4.2	85.6	0.4	295.0
0.9	11.3	613.2	950.0	0.7	-0.6	108.3	13.3	-12.6	4.2	277.9	287.9	3.9	85.5	0.7	291.0
1.5	13.7	826.6	925.0	-1.1	-1.7	120.6	12.1	-10.4	6.1	276.2	287.7	3.7	85.5	1.2	291.0
2.1	16.0	1045.3	900.0	-1.7	-2.5	109.6	10.9	-10.3	6.1	276.2	289.0	3.6	85.5	1.6	297.0
2.7	18.5	1288.9	875.0	-3.4	-4.1	119.1	9.1	-7.9	4.4	280.2	288.8	3.2	85.0	2.0	292.0
3.4	20.9	1499.2	850.0	-0.5	-1.3	183.0	5.9	-1.7	5.6	285.7	288.5	4.1	83.8	2.2	296.0
4.1	23.3	1737.8	825.0	-1.6	-2.5	218.7	3.5	2.4	2.7	297.0	297.4	3.9	83.5	2.3	300.0
4.7	25.8	1983.2	800.0	-1.4	-2.3	263.7	2.4	2.4	0.3	299.8	300.6	4.0	82.6	2.2	303.0
5.4	28.3	2236.3	775.0	-2.0	-2.9	274.7	1.6	1.6	-0.1	291.7	302.6	4.0	82.6	2.2	303.0
6.1	30.9	2497.6	750.0	-1.6	-2.2	258.7	2.6	2.6	0.5	294.9	306.9	4.3	82.6	2.1	308.0
6.8	33.4	2767.7	725.0	-2.3	-3.0	250.7	5.1	4.8	1.7	287.0	308.8	4.4	82.6	2.0	308.0
7.5	36.1	3046.6	700.0	-4.3	-7.2	248.7	9.8	8.5	3.5	300.2	312.7	4.4	82.6	1.8	315.0
8.3	38.9	3334.8	675.0	-6.1	-10.2	257.1	12.1	11.8	2.7	302.1	310.0	3.3	80.4	1.8	315.0
8.9	41.7	3631.5	650.0	-8.7	-15.5	283.8	13.1	13.0	1.4	302.5	308.0	2.7	72.7	1.7	341.0
9.6	44.6	3937.4	625.0	-9.8	-19.8	270.3	12.5	12.5	-0.1	304.8	308.9	1.3	57.8	1.8	341.0
10.6	47.4	4253.1	600.0	-11.4	-28.5	276.6	11.4	11.4	-1.3	308.8	308.9	0.8	43.8	2.2	337.0
11.4	50.4	4580.6	575.0	-13.6	-37.5	282.8	11.4	11.1	-2.5	308.2	308.9	0.3	30.0	2.5	347.0
12.2	53.4	4920.1	550.0	-18.0	-51.1	294.1	10.8	10.8	-4.8	309.2	309.4	0.1	3.0	2.6	347.0
13.1	56.6	5271.9	525.0	-18.0	-61.8	303.5	12.8	10.7	-7.1	311.1	311.8	0.2	10.4	3.2	370.0
14.1	59.9	5638.2	500.0	-21.5	-68.8	304.0	14.6	12.3	-8.3	311.4	312.4	0.3	20.0	3.8	381.0
15.1	63.4	6018.7	475.0	-24.3	-70.7	300.5	15.9	13.7	-8.1	312.8	313.1	0.1	7.8	4.5	381.0
16.1	66.7	6414.6	450.0	-26.9	-74.9	295.8	17.3	15.5	-7.5	314.5	314.9	0.1	9.0	5.4	394.0
17.2	70.3	6829.3	425.0	-30.8	-80.8	291.4	20.4	19.0	-7.4	314.9	315.1	0.1	7.3	6.0	397.0
18.2	73.9	7283.0	400.0	-34.2	-86.8	286.5	28.0	26.9	-7.9	319.7	319.8	0.0	1.1	8.1	100.0
19.3	77.5	7719.5	375.0	-37.5	-93.1	281.1	37.1	36.4	-7.2	322.6	322.6	0.0	1.1	10.5	100.0
20.5	81.5	8205.3	350.0	-41.5	-99.9	275.2	39.1	37.8	-4.8	325.0	325.0	0.0	1.2	13.3	100.0
21.7	85.4	8720.6	325.0	-45.8	-99.9	275.2	42.4	42.2	-3.9	328.8	328.8	0.0	99.9	16.7	99.0
23.2	89.7	9268.4	300.0	-50.6	-99.9	275.2	43.7	43.5	-4.0	330.8	330.8	0.0	99.9	21.3	98.0
24.6	94.0	9852.6	275.0	-53.4	-99.9	275.2	42.8	42.6	-4.2	336.7	336.7	0.0	99.9	27.0	98.0
27.1	98.6	10480.8	250.0	-54.1	-99.9	275.9	41.7	41.4	-4.3	347.2	347.2	0.0	99.9	32.3	97.0
29.2	103.4	11163.7	225.0	-54.1	-99.9	275.9	40.7	40.5	-4.2	360.7	360.7	0.0	99.9	38.3	97.0
31.6	108.6	11919.2	200.0	-54.1	-99.9	275.9	40.7	40.5	-4.2	373.1	373.1	0.0	99.9	44.9	97.0
34.2	114.0	12776.5	175.0	-54.1	-99.9	275.9	35.2	34.6	-5.4	387.1	387.1	0.0	99.9	52.0	97.0
37.4	120.0	13761.6	150.0	-59.4	-99.9	280.6	33.8	33.3	-7.4	412.5	412.5	0.0	99.9	59.7	97.0
41.1	127.0	14911.1	125.0	-61.7	-99.9	285.3	27.8	26.8	-9.9	443.6	443.6	0.0	99.9	67.6	98.0
45.4	134.7	16304.1	100.0	-61.7	-99.9	285.3	27.8	26.8	-9.9	443.6	443.6	0.0	99.9	67.6	98.0
50.3	143.5	18091.6	75.0	-61.7	-99.9	285.3	27.8	26.8	-9.9	443.6	443.6	0.0	99.9	67.6	98.0
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2 HENRIETTA, TEXAS 27 MARCH 1982 2300 GMT														117	119.	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	6.9	287.5	999.0	3.9	2.9	60.0	8.8	-7.6	-4.4	277.9	290.1	4.8	93.0	0.0	0	
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	
1.3	8.3	403.1	975.0	2.8	0.4	102.4	11.3	-11.1	99.9	278.0	288.5	4.1	84.6	0.2	281.	
2.0	10.6	613.2	950.0	1.6	1.5	107.8	12.0	-11.5	3.7	278.8	290.3	4.5	99.4	0.7	284.	
2.8	12.9	827.6	925.0	-0.1	-0.2	109.8	11.6	-10.9	3.9	279.2	289.8	4.1	99.3	1.3	286.	
3.4	15.3	1046.8	900.0	-1.4	-1.7	115.8	11.5	-10.4	5.0	280.1	289.9	3.8	98.1	1.8	287.	
3.4	17.7	1271.1	875.0	-2.1	-2.9	133.3	8.7	-6.3	6.0	281.6	291.0	3.5	94.1	2.3	290.	
4.1	20.1	1502.4	850.0	-0.2	-0.9	172.9	3.1	-0.4	3.1	286.0	297.2	4.2	94.4	2.4	293.	
4.9	22.5	1741.6	825.0	-0.8	-1.7	250.2	1.0	-0.9	0.3	287.8	298.6	4.1	94.0	2.4	295.	
5.7	24.9	1987.0	800.0	-2.0	-2.9	28.0	1.2	-0.6	-1.1	289.0	299.5	3.9	94.0	2.4	295.	
6.5	27.3	2240.1	775.0	-2.1	-2.9	31.4	0.8	-0.4	-0.7	291.6	302.5	4.4	94.1	2.4	295.	
7.3	29.8	2501.7	750.0	-1.3	-2.1	244.1	2.8	2.5	1.2	295.2	307.4	4.4	94.3	2.4	295.	
8.3	32.4	2771.9	725.0	-2.4	-3.1	252.4	6.5	6.2	2.0	296.8	308.6	4.2	95.0	2.2	299.	
9.1	35.0	3050.2	700.0	-3.8	-4.1	256.8	9.8	9.6	2.2	298.3	309.7	4.0	97.8	2.0	308.	
10.4	37.6	3337.2	675.0	-5.4	-12.2	264.3	11.5	11.4	1.1	299.9	308.2	2.3	59.6	1.5	333.	
11.8	40.2	3633.5	650.0	-5.3	-11.2	275.3	10.9	10.8	-1.0	303.0	310.3	2.5	62.8	1.4	12.	
13.3	43.0	3940.8	625.0	-6.5	-28.6	285.4	11.2	10.8	-3.0	305.0	308.9	0.6	14.9	1.7	48.	
14.8	45.8	4259.0	600.0	-8.1	-31.7	286.1	11.4	11.0	-3.2	306.8	308.3	0.4	12.0	2.4	68.	
16.4	48.6	4588.3	575.0	-10.1	-34.1	287.7	11.5	11.1	-2.9	308.1	309.4	0.2	12.0	3.3	79.	
18.2	51.4	4929.8	550.0	-11.5	-44.3	288.8	11.4	10.8	-3.7	310.5	311.1	0.0	6.1	4.4	87.	
19.8	54.4	5284.9	525.0	-13.5	-58.5	292.0	13.9	12.9	-5.2	312.1	312.2	0.0	1.0	5.5	92.	
21.3	57.4	5654.0	500.0	-16.5	-60.4	293.9	16.7	15.3	-6.8	313.4	313.0	0.0	1.0	8.9	96.	
22.9	60.4	6036.9	475.0	-19.9	-64.5	295.5	19.1	18.2	-7.7	314.4	314.5	0.0	1.0	10.8	102.	
24.8	63.6	6435.7	450.0	-22.9	-68.9	298.1	18.9	18.0	-6.4	314.9	315.0	0.0	1.0	13.1	104.	
27.0	66.9	6851.6	425.0	-26.6	-69.5	299.0	18.0	15.2	-7.4	315.3	315.0	0.0	1.0	15.1	105.	
29.1	70.1	7285.8	400.0	-30.6	-70.9	299.9	18.0	15.7	-8.7	315.3	315.3	0.0	1.0	17.6	107.	
31.1	73.6	7742.6	375.0	-32.7	-72.9	299.9	24.6	23.2	-8.4	318.3	318.4	0.0	1.0	21.5	107.	
33.5	77.0	8225.3	350.0	-35.7	-75.5	299.9	31.1	30.0	-8.4	320.7	320.7	0.0	1.0	26.8	107.	
38.1	80.8	8737.0	325.0	-39.6	-75.5	283.8	34.6	33.8	-8.3	322.1	322.1	99.9	99.9	32.4	106.	
38.8	84.7	9281.1	300.0	-43.0	-75.5	283.8	35.7	34.7	-8.3	324.8	327.5	99.9	99.9	39.5	105.	
41.9	88.8	9862.8	275.0	-46.8	-75.5	279.6	39.8	39.5	-6.6	328.2	328.2	99.9	99.9	47.1	104.	
45.0	93.0	10485.0	250.0	-52.4	-75.5	277.8	39.9	39.5	-5.4	332.6	332.6	99.9	99.9	55.3	103.	
48.5	97.6	11160.1	225.0	-56.1	-75.5	277.0	44.1	43.8	-5.4	332.6	332.6	99.9	99.9	65.2	102.	
52.0	102.4	11905.5	200.0	-56.9	-75.5	276.4	40.8	40.4	-5.4	332.6	332.6	99.9	99.9	75.7	102.	
55.9	107.6	12753.1	175.0	-58.0	-75.5	277.7	40.8	40.4	-5.4	332.6	332.6	99.9	99.9	84.8	101.	
59.7	113.6	13733.1	150.0	-57.7	-75.5	276.3	34.3	34.1	-3.8	332.6	332.6	99.9	99.9	99.9	999.9	
66.7	120.2	14888.6	125.0	-57.7	-75.5	276.3	34.3	34.1	-3.8	332.6	332.6	99.9	99.9	99.9	999.9	
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2 HENRIETTA, TEXAS 28 MARCH 1982 208 GMT															134	59.	0
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTG	RH	RANGE	AZ	DG	DG
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/RG	PCT	MM			
0.0	6.8	287.5	991.0	3.7	2.2	60.0	5.2	-4.5	-2.6	277.6	289.1	4.5	90.0	0.0	0.0	0.0	0.0
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.3	419.9	975.0	3.5*	3.4	97.4	8.0	-7.9	1.0	278.7	291.5	5.0	98.6	0.5	289.	0.5	289.
0.7	10.5	630.5	950.0	2.0	1.9	108.6	9.6	-9.2	2.7	279.2	291.1	4.8	99.4	0.6	288.	0.6	288.
1.3	12.7	845.4	925.0	0.7	0.6	118.7	10.3	-9.7	3.7	280.1	291.3	4.3	99.3	1.0	288.	1.0	288.
2.1	15.0	1085.1	900.0	-0.6	-0.7	118.4	9.7	-8.5	4.6	280.9	291.4	4.0	99.1	1.4	280.	1.4	280.
2.7	17.3	1290.1	875.0	-2.1	-2.3	128.7	8.1	-6.3	5.1	281.6	291.4	3.7	98.7	1.8	282.	1.8	282.
3.4	19.6	1521.1	850.0	-1.0	-1.4	161.2	3.3	-1.0	3.1	285.2	296.0	4.1	97.0	2.0	285.	2.0	285.
4.1	22.0	1760.1	825.0	-0.6	-1.4	195.0	1.0	0.3	1.0	288.0	299.2	4.2	94.2	2.0	287.	2.0	287.
4.8	24.4	2006.2	800.0	-1.3	-2.0	132.9	0.7	-0.5	0.5	288.8	301.0	4.2	95.1	2.0	298.	2.0	298.
5.6	26.8	2259.3	775.0	-2.0	-2.9	94.4	0.9	-0.9	0.1	291.6	302.8	4.1	96.2	2.1	297.	2.1	297.
6.5	29.2	2520.0	750.0	-2.3	-3.7	225.4	3.4	2.4	2.4	294.1	305.5	4.1	95.9	2.1	297.	2.1	297.
7.2	31.7	2790.5	725.0	-1.6	-3.7	271.6	7.5	7.5	-0.2	297.7	310.1	4.4	94.3	1.8	302.	1.8	302.
8.1	34.2	3069.5	700.0	-3.1	-5.9	278.1	8.7	8.6	-1.2	299.1	310.8	4.2	95.9	1.4	310.	1.4	310.
9.0	36.7	3356.7	675.0	-5.3	-8.1	279.5	9.7	9.6	-1.6	299.8	310.2	3.7	95.5	1.1	310.	1.1	310.
9.8	39.3	3653.1	650.0	-8.0	-11.1	287.7	10.7	10.2	-3.3	303.0	312.5	3.3	81.5	0.8	351.	0.8	351.
10.8	42.0	3959.9	625.0	-6.8	-11.1	298.7	10.8	9.5	-5.2	304.9	305.5	0.2	4.4	0.7	44.	0.7	44.
11.8	44.6	4277.9	600.0	-9.4	-13.2	301.1	11.1	9.7	-5.7	308.9	307.0	0.0	1.3	1.1	83.	1.1	83.
12.9	47.3	4607.6	575.0	-12.0	-15.0	297.1	10.9	11.5	-5.0	308.9	309.1	0.0	1.1	1.1	98.	1.1	98.
14.0	50.1	4949.1	550.0	-13.6	-17.5	293.5	12.5	13.7	-5.2	309.8	310.0	0.0	1.0	2.4	103.	2.4	103.
15.2	52.9	5303.9	525.0	-18.0	-21.1	290.7	14.6	16.0	-4.8	312.1	312.2	0.0	1.0	3.4	106.	3.4	106.
16.4	55.9	5672.9	500.0	-19.1	-22.1	288.8	16.9	18.0	-5.3	313.5	313.6	0.0	1.0	4.5	107.	4.5	107.
17.7	58.9	6056.9	475.0	-22.8	-24.4	286.7	14.9	14.1	-4.8	314.3	314.4	0.0	1.0	5.8	107.	5.8	107.
19.0	62.0	6456.2	450.0	-25.9	-26.5	286.7	15.9	15.1	-5.1	314.6	314.7	0.0	1.0	6.9	107.	6.9	107.
20.5	65.1	6872.7	425.0	-29.5	-30.9	286.1	16.8	18.0	-5.2	315.8	315.8	0.0	1.0	8.4	108.	8.4	108.
21.8	68.4	7308.7	400.0	-32.5	-32.5	283.2	17.9	17.4	-4.1	316.6	316.7	0.0	1.0	9.7	107.	9.7	107.
23.1	71.9	7766.5	375.0	-35.3	-35.3	280.6	21.8	21.5	-4.0	318.6	318.6	0.0	1.0	11.3	106.	11.3	106.
24.6	75.3	8250.1	350.0	-39.0	-39.0	281.4	23.4	22.9	-4.6	321.1	321.1	0.0	1.0	13.3	105.	13.3	105.
26.3	79.0	8762.3	325.0	-42.5	-42.5	282.8	26.7	26.0	-5.9	322.9	322.9	99.9	99.9	15.8	105.	15.8	105.
28.1	82.8	9307.7	300.0	-47.0	-47.0	277.8	30.3	30.0	-4.0	325.5	325.5	99.9	99.9	19.0	104.	19.0	104.
29.9	86.8	9890.4	275.0	-51.7	-51.7	275.3	34.8	34.7	-3.2	327.2	327.2	99.9	99.9	22.4	103.	22.4	103.
32.0	91.0	10515.4	250.0	-55.2	-55.2	272.3	38.1	38.1	-1.5	329.3	329.3	99.9	99.9	27.1	101.	27.1	101.
34.0	95.5	11194.1	225.0	-58.7	-58.7	271.8	39.8	39.6	-1.2	329.3	329.3	99.9	99.9	32.5	100.	32.5	100.
37.0	100.4	11941.6	200.0	-59.7	-59.7	276.1	39.9	39.6	-4.3	343.0	343.0	99.9	99.9	38.8	99.	38.8	99.
40.0	105.6	12789.3	175.0	-59.7	-59.7	276.1	36.5	36.2	-4.1	358.7	358.7	99.9	99.9	45.8	98.	45.8	98.
43.4	111.4	13772.2	150.0	-55.5	-55.5	274.6	34.8	34.7	-2.8	374.5	374.5	99.9	99.9	52.3	98.	52.3	98.
47.4	117.7	14929.6	125.0	-58.5	-58.5	273.0	34.9	34.9	-1.2	389.0	389.0	99.9	99.9	61.4	97.	61.4	97.
51.8	125.3	16321.2	100.0	-61.2	-61.2	263.7	24.3	23.6	-5.7	409.5	409.5	99.9	99.9	77.4	97.	77.4	97.
58.0	134.0	18098.7	75.0	-62.7	-62.7	99.9	99.9	99.9	99.9	441.5	441.5	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2  
HENRIETTA, TEXAS  
26 MARCH 1982  
500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	287.5	992.4	4.2	2.7	90.0	1.0	-0.9	-0.5	278.0	289.9	4.7	90.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	8.4	431.1	975.0	2.4	1.2	99.9	99.9	99.9	99.9	277.6	288.6	4.3	91.1	99.9	99.9
0.9	10.6	640.8	950.0	1.2	-0.2	99.9	99.9	99.9	99.9	278.4	288.7	4.0	90.1	99.9	99.9
1.5	12.9	854.8	925.0	-0.6	-2.3	99.9	99.9	99.9	99.9	278.7	287.8	3.5	93.6	99.9	99.9
2.1	15.2	1074.1	900.0	-0.7	-1.6	99.9	9.3	-7.2	5.8	280.7	290.6	3.8	93.6	1.1	305.
2.7	17.5	1298.9	875.0	-1.7	-2.5	128.6	5.2	-4.2	3.1	282.0	291.7	3.6	94.1	1.4	306.
3.4	19.9	1520.3	850.0	-0.7	-1.5	126.5	1.5	-1.2	0.9	285.4	296.2	4.0	94.4	1.5	306.
4.0	22.3	1789.4	825.0	-0.9	-1.6	143.2	1.4	-0.8	1.1	287.6	298.7	4.1	94.9	1.5	306.
4.7	24.8	2014.7	800.0	-2.2	-3.1	142.3	3.6	-2.2	2.9	288.8	299.2	3.8	93.6	1.5	307.
5.4	27.2	2287.4	775.0	-2.4	-3.4	185.6	3.7	0.4	3.6	291.2	301.8	3.9	93.2	1.7	309.
6.2	29.7	2528.5	750.0	-1.9	-2.8	267.4	3.6	3.6	0.2	294.5	306.0	3.4	93.2	1.7	314.
6.9	32.2	2797.7	725.0	-3.6	-5.2	295.7	4.5	4.1	-2.0	295.5	305.5	3.6	88.5	1.8	316.
7.5	34.7	3074.4	700.0	-5.4	-6.2	296.8	6.8	6.1	-3.1	296.5	306.2	3.4	94.1	1.8	319.
8.4	37.3	3359.6	675.0	-6.5	-6.2	295.8	10.9	9.8	-4.9	298.4	303.8	1.9	54.4	1.0	330.
8.4	39.9	3555.1	650.0	-5.4	-3.7	295.9	11.4	10.3	-4.9	302.9	304.3	0.4	11.4	0.6	54.
9.2	42.6	3822.5	625.0	-6.6	-3.7	293.9	12.5	11.5	-5.4	304.9	306.3	0.4	11.4	1.1	85.
10.0	45.2	4080.0	600.0	-8.7	-3.4	282.7	14.1	13.0	-5.4	305.1	307.3	0.2	10.4	1.1	85.
10.8	48.1	4308.0	575.0	-11.6	-3.2	285.9	14.3	12.8	-3.9	305.4	307.9	0.5	18.5	1.8	87.
11.6	50.9	4547.6	550.0	-13.0	-4.5	281.5	16.2	15.9	-3.2	308.6	309.3	0.2	8.0	2.8	87.
12.5	53.8	4797.6	525.0	-15.8	-4.4	279.7	18.2	17.9	-3.1	309.5	309.8	0.1	4.1	3.5	98.
13.3	56.8	5000.3	500.0	-18.1	-5.1	278.4	18.8	18.6	-2.8	310.9	311.2	0.1	3.8	4.6	98.
14.2	59.8	5266.1	475.0	-20.0	-5.5	281.1	18.6	18.3	-3.8	313.3	313.6	0.0	1.5	5.8	99.
15.2	63.0	5448.2	450.0	-23.7	-6.1	285.5	18.7	18.0	-5.0	313.5	314.7	0.0	1.7	6.8	99.
16.3	66.1	5681.6	425.0	-26.9	-6.6	284.7	19.3	18.7	-4.9	314.6	315.1	0.0	1.8	7.9	100.
17.2	69.5	5935.6	400.0	-30.7	-6.6	281.3	20.0	19.6	-3.9	315.1	315.1	0.0	1.8	9.2	101.
18.3	73.0	6175.7	375.0	-33.7	-6.3	280.3	21.2	20.9	-3.8	317.0	317.1	0.0	1.6	10.5	101.
19.5	76.6	6431.0	350.0	-37.5	-7.0	277.9	21.6	21.4	-3.0	318.2	318.3	0.0	1.7	11.9	101.
20.6	80.3	6738.8	325.0	-40.9	-9.9	276.5	23.9	23.7	-2.7	320.3	320.3	99.9	99.9	13.4	100.
21.7	84.0	7028.1	300.0	-44.7	-9.9	271.7	24.9	24.9	-0.8	322.4	322.4	99.9	99.9	15.1	100.
22.8	88.2	7353.6	275.0	-49.8	-9.9	270.1	27.9	27.9	-0.0	323.2	323.2	99.9	99.9	17.3	98.
24.2	92.5	7671.7	250.0	-53.7	-9.9	271.9	32.2	32.2	-1.1	326.3	326.3	99.9	99.9	19.6	97.
25.5	97.0	7985.1	225.0	-55.8	-9.9	272.2	33.1	33.0	-1.2	333.0	333.0	99.9	99.9	22.5	96.
27.0	102.0	8295.1	200.0	-58.0	-9.9	275.3	32.0	32.0	-1.3	344.4	344.4	99.9	99.9	25.5	96.
28.5	107.3	8605.1	175.0	-56.0	-9.9	275.3	30.6	30.4	-2.8	357.6	357.6	99.9	99.9	28.6	96.
30.2	113.2	8915.1	150.0	-58.4	-9.9	271.5	34.6	34.5	-0.9	373.0	373.0	99.9	99.9	32.7	95.
33.0	119.7	9225.1	125.0	-58.4	-9.9	276.6	31.9	31.5	-4.7	389.3	389.3	99.9	99.9	38.1	95.
35.5	127.0	9535.1	100.0	-61.3	-9.9	276.6	29.5	29.3	-3.4	410.0	410.0	99.9	99.9	44.1	95.
39.1	135.5	10045.8	75.0	-61.3	-9.9	99.9	99.9	99.9	99.9	444.4	444.4	99.9	99.9	99.9	99.9
43.6	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3 DURANT, OKLAHOMA 27 MARCH 1982 1159 GMT														111	150.	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	7.0	211.0	997.4	3.5	2.6	90.0	6.1	-6.1	0.0	276.9	288.7	4.6	94.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	
0.8	9.2	394.8	975.0	1.3	0.4	111.3	8.8	-8.2	3.2	276.4	286.8	4.0	94.0	0.4	286.	
1.6	11.6	803.8	950.0	0.3	-0.5	115.0	11.0	-10.0	4.6	277.5	287.5	3.9	94.1	0.8	289.	
2.4	14.0	817.6	925.0	0.4	-0.4	123.5	10.9	-9.1	6.0	279.7	290.2	4.0	94.4	1.4	293.	
3.3	18.5	1036.9	900.0	-1.4	-2.3	131.5	10.4	-7.8	6.9	280.1	289.5	3.8	93.5	1.9	297.	
4.2	18.9	1261.0	875.0	-2.8	-3.6	134.9	9.0	-6.3	6.3	281.1	289.9	3.3	92.5	2.4	301.	
5.3	21.5	1490.8	850.0	-3.0	-4.0	137.7	10.2	-6.3	7.6	283.0	291.9	3.3	92.4	3.0	304.	
6.4	24.0	1728.8	825.0	-3.7	-4.7	148.2	10.7	-5.7	9.1	287.8	298.9	3.3	92.3	3.7	308.	
7.4	26.6	1974.5	800.0	-4.1	-5.1	148.7	9.7	-4.8	7.3	289.6	300.4	4.0	92.3	4.3	310.	
8.6	29.2	2277.6	775.0	-4.5	-5.5	176.3	7.1	-4.8	7.0	291.8	302.6	4.0	92.3	4.7	312.	
9.7	31.8	2488.7	750.0	-4.9	-5.9	203.0	10.2	4.0	9.4	294.2	305.3	4.0	93.2	5.1	318.	
11.0	34.4	2757.9	725.0	-5.2	-6.2	227.8	12.4	9.2	8.3	296.0	308.8	3.9	93.3	5.3	327.	
12.3	37.1	3035.3	700.0	-5.5	-6.5	247.5	15.2	14.1	5.8	297.8	308.4	3.7	93.2	5.4	338.	
13.5	39.8	3321.8	675.0	-5.8	-6.8	261.0	18.9	18.7	0.0	299.9	310.1	3.6	92.9	5.4	352.	
14.7	42.6	3618.6	650.0	-6.1	-7.1	270.0	20.3	20.3	0.0	302.8	312.3	3.5	93.0	5.4	377.	
15.9	45.3	3925.1	625.0	-6.4	-7.4	274.1	19.0	18.9	-0.9	304.8	314.8	3.4	91.9	5.7	41.	
17.1	48.1	4244.1	600.0	-6.7	-7.7	273.0	17.2	17.2	0.7	306.4	316.6	3.1	90.0	6.2	41.	
18.3	51.0	4573.5	575.0	-7.0	-8.0	267.7	16.5	16.5	0.7	307.5	315.5	2.7	88.7	7.0	47.	
19.5	53.9	4914.8	550.0	-7.3	-8.3	262.9	14.9	14.8	1.8	309.3	316.6	2.4	85.2	7.9	47.	
20.8	56.9	5268.5	525.0	-7.6	-8.6	257.9	14.5	14.2	3.0	310.0	315.8	1.9	83.0	8.8	51.	
22.0	60.0	5635.2	500.0	-7.9	-8.9	254.6	13.5	13.9	4.5	311.2	316.1	1.5	79.9	9.8	54.	
23.3	63.1	6017.1	475.0	-8.2	-9.2	250.4	13.5	12.7	4.5	312.4	316.3	1.2	75.6	10.8	56.	
24.5	66.4	6415.1	450.0	-8.5	-9.5	250.0	12.8	12.1	4.4	313.2	315.1	0.9	72.7	11.8	57.	
25.9	69.6	6829.0	425.0	-8.8	-9.8	261.0	15.2	15.0	2.4	313.1	315.1	0.8	68.2	12.8	58.	
27.3	73.0	7232.8	400.0	-9.1	-10.1	268.5	23.5	23.5	2.5	315.7	318.2	0.4	62.7	14.0	61.	
28.8	76.5	7711.9	375.0	-9.4	-10.4	268.2	38.6	38.5	2.5	318.6	320.7	0.3	52.7	16.9	65.	
30.4	80.1	8205.3	350.0	-9.7	-10.7	270.4	33.2	33.2	-0.3	321.1	321.8	0.2	42.2	20.0	69.	
32.0	84.0	8717.8	325.0	-10.0	-11.0	268.2	31.9	31.8	1.0	322.8	323.3	0.1	35.5	23.0	72.	
33.5	87.9	9263.9	300.0	-10.3	-11.3	268.6	37.4	37.4	0.9	326.4	329.9	99.9	99.9	25.9	74.	
35.0	92.0	9847.0	275.0	-10.6	-11.6	271.8	38.8	38.8	-1.1	327.8	333.9	99.9	99.9	29.3	76.	
36.5	96.3	10471.9	250.0	-10.9	-11.9	271.5	36.0	36.0	-0.9	328.1	333.9	99.9	99.9	32.6	77.	
38.4	101.0	11148.5	225.0	-11.2	-12.2	277.0	36.5	36.2	-0.4	333.9	333.9	99.9	99.9	36.4	79.	
40.3	105.8	11896.8	200.0	-11.5	-12.5	278.3	36.5	36.1	-5.2	342.0	342.0	99.9	99.9	40.6	81.	
42.6	111.2	12736.3	175.0	-11.8	-12.8	299.9	99.9	99.9	99.9	353.2	353.2	99.9	99.9	44.7	83.	
45.2	117.0	13703.3	150.0	-12.1	-13.1	299.9	99.9	99.9	99.9	353.2	353.2	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	125.0	-12.4	-13.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	100.0	-12.7	-13.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	75.0	-13.0	-14.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	50.0	-13.3	-14.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	25.0	-13.6	-14.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6.7	211.0	998.8	2.9	2.3	90.0	4.5	-4.5	0.0	278.2	287.7	4.5	96.0	0.0	0.0
99.9	99.9	99.9	1006.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 7	9.1	404.9	975.0	0.1	-0.4	99.9	99.9	99.9	99.9	275.3	285.0	3.8	96.1	99.9	99.9
1 5	11.5	613.2	950.0	-0.4	-0.9	99.9	99.9	99.9	99.9	270.8	286.5	3.8	96.3	99.9	99.9
2 4	13.9	826.2	925.0	-1.5	-2.1	99.9	99.9	99.9	99.9	277.7	288.5	3.5	96.8	99.9	99.9
3 1	16.4	1044.5	900.0	-2.1	-2.6	99.9	99.9	99.9	99.9	279.4	288.5	3.5	96.2	99.9	99.9
3 9	18.8	1268.7	875.0	-2.4	-3.0	99.9	99.9	99.9	99.9	281.3	290.6	3.5	96.2	99.9	99.9
4 7	21.3	1498.9	850.0	-3.3	-3.9	99.9	99.9	99.9	99.9	283.7	291.6	3.6	95.4	99.9	99.9
5 6	23.9	1735.4	825.0	-2.9	-3.5	99.9	99.9	99.9	99.9	285.6	295.2	4.2	95.5	99.9	99.9
6 5	26.4	1980.5	800.0	-1.1	-1.8	99.9	99.9	99.9	99.9	289.0	301.4	4.2	94.8	99.9	99.9
7 3	28.9	2234.0	775.0	-1.6	-2.3	99.9	99.9	99.9	99.9	292.1	304.7	4.2	94.7	99.9	99.9
8 1	31.5	2494.7	750.0	-3.8	-3.6	99.9	99.9	99.9	99.9	295.4	308.0	3.8	95.2	99.9	99.9
9 0	34.1	2763.2	725.0	-3.6	-4.2	99.9	99.9	99.9	99.9	298.3	308.0	4.0	95.4	99.9	99.9
9 9	36.8	3040.5	700.0	-3.5	-4.1	99.9	99.9	99.9	99.9	301.7	313.6	4.2	95.3	99.9	99.9
10 8	39.4	3328.7	675.0	-5.2	-6.1	99.9	99.9	99.9	99.9	304.2	312.3	2.7	93.0	99.9	99.9
12 0	42.2	3626.5	650.0	-7.2	-10.6	99.9	99.9	99.9	99.9	308.5	314.0	2.9	90.7	99.9	99.9
13 0	45.0	3933.6	625.0	-9.2	-10.4	259.9	16.5	16.3	0.5	308.5	313.7	2.4	88.2	4.8	10.0
14 1	47.9	4250.9	600.0	-11.6	-13.1	268.2	15.2	15.2	0.5	308.5	313.7	2.4	88.2	5.1	21.0
15 1	50.8	4578.2	575.0	-14.1	-15.9	264.0	14.0	13.9	1.5	307.4	310.6	1.0	83.1	5.6	32.0
16 5	53.7	4918.6	550.0	-16.8	-18.2	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
18 1	56.7	5270.1	525.0	-18.7	-20.9	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
19 8	59.8	5635.2	500.0	-21.5	-23.1	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
21 4	62.9	6015.6	475.0	-24.9	-27.1	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
23 1	66.1	6411.7	450.0	-27.3	-30.0	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
24 5	69.4	6825.5	425.0	-30.0	-33.1	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
25 9	72.8	7262.1	400.0	-33.0	-36.5	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
27 5	76.3	7725.1	375.0	-36.0	-39.1	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
29 2	79.9	8212.4	350.0	-38.0	-41.4	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
31 4	83.7	8727.2	325.0	-41.9	-44.8	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
33 6	87.7	9273.7	300.0	-45.2	-48.2	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
36 1	91.8	9857.7	275.0	-48.2	-51.5	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
38 6	96.2	10485.4	250.0	-51.5	-54.8	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
41 4	100.8	11166.1	225.0	-54.8	-58.2	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
44 2	105.8	11914.9	200.0	-58.2	-61.4	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
47 6	111.3	12763.5	175.0	-61.4	-64.8	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
51 6	117.0	13741.3	150.0	-64.8	-68.2	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
56 4	123.7	14938.9	125.0	-68.2	-71.5	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
61 8	131.0	16298.1	100.0	-71.5	-74.8	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
69 2	140.0	18089.7	75.0	-74.8	-78.2	259.8	16.8	16.3	2.9	307.4	310.6	0.3	82.5	5.7	41.0
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 3  
DURANT, OKLAHOMA  
27 MARCH 1982  
1658 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	211.0	1001.5	3.5	2.6	90.0	6.7	-6.7	0.0	276.5	288.3	4.6	94.0	0.0	0.0
0.1	6.9	223.2	1000.0	3.3	2.3	99.9	99.9	99.9	99.9	276.5	287.9	4.5	92.8	99.9	99.9
0.8	9.3	428.1	975.0	1.6	0.7	99.9	99.9	99.9	99.9	276.7	287.3	4.1	92.8	99.9	99.9
1.7	11.6	637.0	950.0	0.1	-0.5	99.9	99.9	99.9	99.9	277.3	287.3	3.9	95.9	99.9	99.9
2.7	14.0	850.4	925.0	-1.0	-1.7	99.9	99.9	99.9	99.9	278.3	287.7	3.7	95.3	99.9	99.9
3.6	16.4	1068.9	900.0	-2.4	-3.1	99.9	99.9	99.9	99.9	279.0	287.9	3.4	95.0	99.9	99.9
4.8	18.8	1292.3	875.0	-3.2	-3.6	99.9	99.9	99.9	99.9	280.7	289.6	3.3	95.0	99.9	99.9
5.9	21.2	1522.3	850.0	-4.2	-4.9	99.9	99.9	99.9	99.9	282.6	291.8	3.4	94.9	99.9	99.9
7.0	23.7	1759.7	825.0	-5.2	-6.2	99.9	99.9	99.9	99.9	285.5	297.5	4.0	94.7	99.9	99.9
8.2	26.2	2005.2	800.0	-6.2	-7.0	99.9	99.9	99.9	99.9	287.0	300.4	4.1	93.9	99.9	99.9
9.3	28.8	2258.6	775.0	-7.0	-7.9	99.9	99.9	99.9	99.9	289.4	303.2	3.9	93.5	99.9	99.9
10.5	31.3	2518.4	750.0	-7.9	-8.8	99.9	99.9	99.9	99.9	292.0	304.1	3.8	93.4	99.9	99.9
11.8	33.9	2788.1	725.0	-8.8	-9.7	99.9	99.9	99.9	99.9	295.6	306.5	3.6	93.1	99.9	99.9
13.0	36.6	3066.1	700.0	-9.7	-10.7	99.9	99.9	99.9	99.9	298.5	309.5	3.5	92.8	99.9	99.9
14.2	39.2	3353.4	675.0	-10.7	-11.7	99.9	99.9	99.9	99.9	300.9	311.8	3.4	92.5	99.9	99.9
15.5	42.0	3650.8	650.0	-11.7	-12.7	99.9	99.9	99.9	99.9	303.1	313.6	3.3	92.5	99.9	99.9
16.8	44.8	3958.3	625.0	-12.7	-13.7	99.9	99.9	99.9	99.9	304.4	313.6	3.1	87.0	5.6	352.0
18.0	47.6	4275.8	600.0	-13.7	-14.7	99.9	99.9	99.9	99.9	306.8	313.6	2.9	82.1	5.9	4.0
19.3	50.4	4604.2	575.0	-14.7	-15.7	99.9	99.9	99.9	99.9	307.6	313.6	2.8	80.0	6.4	13.0
20.5	53.3	4943.8	550.0	-15.7	-16.7	99.9	99.9	99.9	99.9	308.9	313.6	1.8	73.4	7.4	27.0
21.9	56.4	5295.8	525.0	-16.7	-17.7	99.9	99.9	99.9	99.9	311.0	316.1	1.5	68.7	8.1	30.0
23.0	59.4	5668.1	500.0	-17.7	-18.7	99.9	99.9	99.9	99.9	311.8	315.1	1.2	65.3	8.6	33.0
24.5	62.6	6043.3	475.0	-18.7	-19.7	99.9	99.9	99.9	99.9	312.6	315.7	0.8	53.1	10.4	41.0
25.8	65.9	6440.1	450.0	-19.7	-20.7	99.9	99.9	99.9	99.9	314.0	317.1	0.5	13.2	12.0	49.0
27.2	69.1	6854.3	425.0	-20.7	-21.7	99.9	99.9	99.9	99.9	320.3	320.6	0.1	12.6	14.9	57.0
28.6	72.6	7288.6	400.0	-21.7	-22.7	99.9	99.9	99.9	99.9	321.3	321.5	0.1	13.4	18.2	63.0
30.4	76.1	7747.9	375.0	-22.7	-23.7	99.9	99.9	99.9	99.9	324.2	324.4	0.1	99.9	21.7	66.0
32.0	79.7	8232.9	350.0	-23.7	-24.7	99.9	99.9	99.9	99.9	326.6	326.6	99.9	99.9	26.2	70.0
33.6	83.5	8746.3	325.0	-24.7	-25.7	99.9	99.9	99.9	99.9	328.5	328.5	99.9	99.9	30.7	72.0
35.4	87.5	9293.9	300.0	-25.7	-26.7	99.9	99.9	99.9	99.9	331.7	331.7	99.9	99.9	36.0	74.0
37.3	91.7	9878.6	275.0	-26.7	-27.7	99.9	99.9	99.9	99.9	335.4	335.4	99.9	99.9	41.8	77.0
39.4	96.0	10506.4	250.0	-27.7	-28.7	99.9	99.9	99.9	99.9	346.3	346.3	99.9	99.9	47.1	79.0
41.9	100.7	11189.4	225.0	-28.7	-29.7	99.9	99.9	99.9	99.9	360.3	360.3	99.9	99.9	51.8	81.0
44.7	105.6	11940.5	200.0	-29.7	-30.7	99.9	99.9	99.9	99.9	370.9	370.9	99.9	99.9	53.3	83.0
47.9	111.0	12797.5	175.0	-30.7	-31.7	99.9	99.9	99.9	99.9	415.1	415.1	99.9	99.9	60.7	86.0
51.7	117.0	13777.8	150.0	-31.7	-32.7	99.9	99.9	99.9	99.9	446.0	446.0	99.9	99.9	68.5	90.0
55.9	123.3	14930.6	125.0	-32.7	-33.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
61.2	130.7	16334.2	100.0	-33.7	-34.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
68.1	139.3	18132.5	75.0	-34.7	-35.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3  
DURANT, OKLAHOMA  
27 MARCH 1982  
2019 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.6	211.0	1000.8	4.8	2.7	999.9	99.9	99.9	99.9	277.9	289.7	4.6	88.0	999.9	999.9
0.0	6.7	217.5	1000.0	4.7*	99.9	999.9	99.9	99.9	99.9	277.9	999.9	99.9	999.9	999.9	999.9
0.7	9.1	422.8	975.0	2.5	99.9	999.9	99.9	99.9	99.9	277.7	999.9	99.9	999.9	999.9	999.9
1.4	11.4	631.8	950.0	0.6	99.9	999.9	99.9	99.9	99.9	277.8	999.9	99.9	999.9	999.9	999.9
2.1	13.8	844.8	925.0	-1.0	99.9	999.9	99.9	99.9	99.9	278.3	999.9	99.9	999.9	999.9	999.9
2.9	16.2	1083.0	900.0	-2.1*	99.9	999.9	99.9	99.9	99.9	279.4	999.9	99.9	999.9	999.9	999.9
3.6	18.6	1286.5	875.0	-2.6*	99.9	999.9	99.9	99.9	99.9	281.1	999.9	99.9	999.9	999.9	999.9
4.4	21.1	1516.3	850.0	-2.3	-2.8	999.9	99.9	99.9	99.9	283.8	999.9	99.9	999.9	999.9	999.9
5.3	23.5	1754.4	825.0	-1.1	-1.6	999.9	99.9	99.9	99.9	287.4	999.9	99.9	999.9	999.9	999.9
6.3	26.0	2000.3	800.0	-1.0	-1.4	999.9	99.9	99.9	99.9	290.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
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STATION NO. 3  
DURANT, OKLAHOMA  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	211.0	1000.5	4.5	3.5	60.0	5.2	-4.5	-2.0	277.6	290.1	4.9	93.0	0.0	0.
0.2	6.8	215.1	1000.0	4.3	2.8	99.9	99.9	99.9	99.9	277.4	289.4	4.7	93.0	99.9	99.9
1.2	9.3	420.8	975.0	2.2	-0.1	99.9	99.9	99.9	99.9	277.4	287.4	3.9	94.7	99.9	99.9
1.6	11.6	629.8	950.0	0.6	-0.2	99.9	99.9	99.9	99.9	277.8	287.0	4.0	94.3	99.9	99.9
2.1	14.1	843.5	925.0	0.6	-1.1	99.9	99.9	99.9	99.9	277.7	286.6	3.8	96.6	99.9	99.9
2.7	16.5	1062.3	900.0	-0.6	-2.4	99.9	99.9	99.9	99.9	279.4	286.7	3.6	97.3	99.9	99.9
3.7	18.9	1285.8	875.0	-3.4	-3.5	99.9	99.9	99.9	99.9	280.3	289.1	3.4	98.9	99.9	99.9
4.8	21.4	1515.8	850.0	-2.8	-2.2	99.9	99.9	99.9	99.9	283.2	292.7	3.6	97.4	99.9	99.9
5.8	23.9	1753.2	825.0	-1.9	-2.2	99.9	99.9	99.9	99.9	289.7	297.2	3.9	97.1	99.9	99.9
7.0	26.4	1998.4	800.0	-1.6	-1.9	320.2	3.0	1.3	-2.3	289.4	300.7	4.2	97.9	2.5	269.
8.3	29.0	2251.3	775.0	-2.0	-2.1	340.0	3.8	1.3	-3.6	291.6	303.2	4.2	99.1	2.3	283.
9.5	31.6	2512.1	750.0	-3.0	-3.1	294.1	3.5	3.3	-1.5	292.4	304.6	4.1	98.0	2.1	279.
10.7	34.2	2781.1	725.0	-1.9	-2.3	268.0	5.4	5.4	0.2	292.4	308.8	4.5	98.9	1.8	280.
12.4	36.8	3050.2	700.0	-2.6	-4.3	99.9	99.9	99.9	99.9	310.6	310.8	4.0	98.5	99.9	99.9
14.3	39.5	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.1	42.2	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.0	45.0	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.0	47.8	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.9	50.6	99.9	575.0	-13.3	-33.8	99.9	99.9	99.9	99.9	304.4	305.7	0.4	15.9	99.9	99.9
23.9	53.5	99.9	550.0	-15.0	-34.4	99.9	99.9	99.9	99.9	306.2	307.5	0.4	17.2	99.9	99.9
25.9	56.5	99.9	525.0	-18.7	-35.0	99.9	99.9	99.9	99.9	308.2	309.4	0.3	17.4	99.9	99.9
28.1	59.6	99.9	500.0	-18.7	-35.0	99.9	99.9	99.9	99.9	310.2	311.1	0.2	14.3	99.9	99.9
30.2	62.6	99.9	475.0	-20.6	-41.6	99.9	99.9	99.9	99.9	312.5	313.2	0.2	13.1	99.9	99.9
32.6	66.0	99.9	450.0	-23.2	-38.7	99.9	99.9	99.9	99.9	314.1	315.2	0.3	22.5	99.9	99.9
34.9	69.3	99.9	425.0	-28.4	-39.3	99.9	99.9	99.9	99.9	315.2	316.2	0.3	28.2	99.9	99.9
37.1	72.6	99.9	400.0	-30.4	-47.5	99.9	99.9	99.9	99.9	315.6	316.9	0.1	16.8	99.9	99.9
39.5	76.1	99.9	375.0	-34.0	-51.7	99.9	99.9	99.9	99.9	316.6	321.8	0.1	14.6	99.9	99.9
42.3	79.8	99.9	350.0	-35.0	-58.3	99.9	99.9	99.9	99.9	321.6	324.6	0.1	9.2	99.9	99.9
45.2	83.7	99.9	325.0	-37.9	-59.5	99.9	99.9	99.9	99.9	324.4	324.6	0.0	8.3	99.9	99.9
48.0	87.7	99.9	300.0	-41.1	99.9	99.9	99.9	99.9	99.9	325.0	325.9	99.9	99.9	99.9	99.9
50.9	92.0	99.9	275.0	-45.1	99.9	99.9	99.9	99.9	99.9	328.4	328.4	99.9	99.9	99.9	99.9
54.1	96.5	99.9	250.0	-49.5	99.9	99.9	99.9	99.9	99.9	332.4	332.4	99.9	99.9	99.9	99.9
57.4	101.2	99.9	225.0	-53.5	99.9	99.9	99.9	99.9	99.9	336.8	336.8	99.9	99.9	99.9	99.9
61.0	106.4	99.9	200.0	-57.9	99.9	99.9	99.9	99.9	99.9	347.1	347.1	99.9	99.9	99.9	99.9
64.9	111.8	99.9	175.0	-53.8	99.9	99.9	99.9	99.9	99.9	361.1	361.1	99.9	99.9	99.9	99.9
69.8	118.0	99.9	150.0	-56.8	99.9	99.9	99.9	99.9	99.9	372.2	372.2	99.9	99.9	99.9	99.9
74.9	124.3	99.9	125.0	-58.7	99.9	99.9	99.9	99.9	99.9	388.7	388.7	99.9	99.9	99.9	99.9
81.0	131.7	99.9	100.0	-60.3	99.9	99.9	99.9	99.9	99.9	411.3	411.3	99.9	99.9	99.9	99.9
87.7	140.0	99.9	75.0	-62.1	99.9	99.9	99.9	99.9	99.9	442.7	442.7	99.9	99.9	99.9	99.9
93.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3  
DURANT, OKLAHOMA  
28 MARCH 1982  
207 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.9	211.0	999.5	4.5	3.0	45.0	1.0	-0.7	-0.7	277.7	289.8	4.8	90.0	0.0	0.0
0.8	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	8.2	413.0	975.0	3.2	0.3	99.9	99.9	99.9	99.9	278.4	288.7	4.0	81.1	99.9	99.9
1.8	10.5	623.4	950.0	1.9	-1.7	99.9	99.9	99.9	99.9	279.1	288.4	3.6	77.5	99.9	99.9
2.3	12.9	838.1	925.0	0.6	-4.1	88.0	8.5	-8.5	-0.6	280.0	289.0	2.0	70.2	0.0	272.0
3.0	15.3	1058.0	900.0	-0.1	-5.4	108.6	14.1	-13.5	4.0	281.4	289.0	2.8	67.2	1.5	276.0
3.8	17.6	1283.3	875.0	-1.3	-4.2	120.0	12.2	-10.6	6.1	282.4	291.0	3.2	80.8	2.2	280.0
4.6	20.0	1513.8	850.0	-2.7	-2.9	134.1	8.3	-5.9	5.7	283.3	293.0	3.7	99.0	2.6	286.0
5.4	22.5	1751.6	825.0	-1.9	-1.9	115.9	3.5	-3.2	1.5	288.6	297.4	4.0	99.5	2.9	289.0
6.3	24.9	1996.3	800.0	-2.3	-2.4	67.7	3.2	-3.0	-1.2	288.7	299.6	4.0	99.1	3.0	287.0
7.2	27.4	2248.6	775.0	-2.0	-2.9	355.9	1.8	0.1	-0.4	290.8	301.7	4.0	99.0	3.1	285.0
8.1	29.9	2508.2	750.0	-4.2	-4.3	275.5	4.2	4.2	-0.4	292.0	302.3	3.7	99.4	3.0	285.0
9.0	32.5	2777.6	725.0	-2.0	-4.0	276.4	8.0	7.6	-1.2	297.3	308.4	4.0	87.0	2.6	288.0
9.9	35.0	3056.1	700.0	-3.5	-6.2	280.8	8.7	8.6	-1.6	298.4	307.1	2.9	83.5	1.7	290.0
10.8	37.7	3342.7	675.0	-5.6	-8.0	281.1	7.6	7.7	-1.5	298.6	308.3	3.1	83.5	1.7	290.0
11.6	40.4	3638.4	650.0	-6.9	-7.2	285.3	7.2	6.9	-1.9	301.2	311.1	3.4	97.6	1.3	293.0
12.6	43.1	3943.1	625.0	-9.2	-21.2	999.9	99.9	99.9	99.9	302.0	305.1	1.6	32.9	99.9	99.9
13.8	45.9	4258.2	600.0	-10.6	-21.2	999.9	99.9	99.9	99.9	303.9	307.5	99.9	40.9	99.9	99.9
15.1	48.7	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.4	51.5	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.9	54.4	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.4	57.4	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.9	60.4	99.9	475.0	-20.4	99.9	99.9	99.9	99.9	99.9	312.8	314.4	0.2	14.0	99.9	99.9
22.4	63.5	99.9	450.0	-23.5	-43.4	999.9	99.9	99.9	99.9	313.7	314.4	0.1	14.1	99.9	99.9
24.1	66.8	99.9	425.0	-27.3	-46.4	999.9	99.9	99.9	99.9	314.0	316.4	0.1	13.9	99.9	99.9
26.2	70.1	99.9	400.0	-30.0	-48.8	999.9	99.9	99.9	99.9	316.0	318.4	0.1	14.2	99.9	99.9
28.2	73.6	99.9	375.0	-33.8	-51.7	999.9	99.9	99.9	99.9	319.6	319.8	0.1	14.2	99.9	99.9
30.2	77.1	99.9	350.0	-36.5	-54.0	999.9	99.9	99.9	99.9	319.6	319.8	0.1	14.2	99.9	99.9
32.3	80.9	99.9	325.0	-39.7	99.9	99.9	99.9	99.9	99.9	321.9	319.8	99.9	99.9	99.9	99.9
34.7	84.7	99.9	300.0	-43.5	99.9	99.9	99.9	99.9	99.9	324.1	319.8	99.9	99.9	99.9	99.9
37.2	88.6	99.9	275.0	-47.1	99.9	99.9	99.9	99.9	99.9	327.0	319.8	99.9	99.9	99.9	99.9
39.8	93.0	99.9	250.0	-50.7	99.9	99.9	99.9	99.9	99.9	330.7	319.8	99.9	99.9	99.9	99.9
42.7	97.6	99.9	225.0	-54.7	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
45.7	102.5	99.9	200.0	-55.2	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
49.2	107.8	99.9	175.0	-54.8	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
53.0	113.5	99.9	150.0	-58.2	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
57.5	120.0	99.9	125.0	-58.7	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
62.3	127.3	99.9	100.0	-60.3	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
68.4	136.0	99.9	75.0	-62.3	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-62.3	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	334.6	319.8	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3  
DURANT, OKLAHOMA  
28 MARCH 1982  
510 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	211.0	1000.4	4.9	3.4	320.0	2.6	1.7	-2.0	278.0	290.5	4.9	90.0	0.0	0.0
0.1	7.0	214.3	1000.0	4.8	3.1	320.0	99.9	99.9	99.9	277.9	290.1	4.8	90.0	999.9	999.9
0.8	9.2	420.4	975.0	3.7	1.2	320.0	99.9	99.9	99.9	278.9	289.9	4.3	84.2	999.9	999.9
1.5	11.6	631.2	950.0	3.0	-2.4	320.0	99.9	99.9	99.9	280.2	289.1	3.4	67.6	999.9	999.9
2.3	14.0	846.8	925.0	1.6	-5.3	320.0	99.9	99.9	99.9	281.0	288.4	2.8	60.0	999.9	999.9
3.1	16.4	1067.2	900.0	0.1	-6.3	320.0	99.9	99.9	99.9	281.6	288.6	2.6	61.0	999.9	999.9
3.9	18.8	1292.3	875.0	-1.6	-7.6	320.0	99.9	99.9	99.9	282.1	289.2	2.5	62.8	999.9	999.9
4.8	21.2	1522.4	850.0	-3.0	-5.3	320.0	99.9	99.9	99.9	283.0	291.2	3.0	64.4	999.9	999.9
5.6	23.7	1759.2	825.0	-2.7	-5.3	320.0	99.9	99.9	99.9	285.0	295.0	3.8	69.7	999.9	999.9
6.4	26.1	2003.4	800.0	-3.0	-3.0	320.0	1.0	-0.9	-0.5	288.0	298.3	3.8	69.7	999.9	999.9
7.3	28.6	2255.5	775.0	-2.7	-2.7	320.0	2.2	2.1	-0.4	290.9	302.0	4.0	69.7	999.9	999.9
8.2	31.2	2516.6	750.0	-1.3	-1.3	320.0	6.9	6.9	0.4	295.2	307.9	4.6	69.7	999.9	999.9
9.1	33.8	2788.7	725.0	-4.2	-5.4	320.0	7.0	7.0	-0.5	295.4	308.3	3.7	69.7	999.9	999.9
10.0	36.3	3084.6	700.0	-4.2	-5.4	320.0	6.4	6.4	-0.9	297.9	308.4	3.5	69.7	999.9	999.9
10.9	39.0	3350.5	675.0	-5.6	-5.6	320.0	99.9	99.9	99.9	300.8	307.8	2.4	69.7	999.9	999.9
11.9	41.2	3645.1	650.0	-7.3	-11.9	320.0	99.9	99.9	99.9	303.8	307.8	1.0	69.7	999.9	999.9
13.0	44.4	3950.9	625.0	-7.6	-22.4	320.0	99.9	99.9	99.9	305.1	308.1	0.6	69.7	999.9	999.9
14.1	47.3	4268.0	600.0	-8.7	-28.3	320.0	99.9	99.9	99.9	307.7	309.4	0.5	69.7	999.9	999.9
15.1	50.1	4596.7	575.0	-10.5	-34.5	320.0	99.9	99.9	99.9	308.2	309.7	0.4	69.7	999.9	999.9
16.3	53.0	4936.7	550.0	-13.4	-39.9	320.0	14.2	14.2	-1.6	308.6	310.1	0.4	69.7	999.9	999.9
17.4	56.0	5288.6	525.0	-18.3	-43.2	320.0	16.5	16.4	-1.5	310.5	312.8	0.2	69.7	999.9	999.9
18.7	59.0	5654.4	500.0	-20.9	-48.1	320.0	17.9	17.9	-1.2	312.2	314.6	0.1	69.7	999.9	999.9
19.5	62.1	6035.5	475.0	-24.0	-53.8	320.0	18.5	18.5	-0.7	314.4	316.8	0.1	69.7	999.9	999.9
21.3	65.4	6432.8	450.0	-27.0	-58.1	320.0	19.9	19.9	-1.2	316.4	318.5	0.1	69.7	999.9	999.9
22.5	68.6	6847.7	425.0	-30.6	-63.2	320.0	20.8	20.8	-3.0	318.2	320.5	0.1	69.7	999.9	999.9
24.0	72.0	7281.2	400.0	-34.1	-68.5	320.0	21.0	21.0	-4.2	320.5	322.8	0.1	69.7	999.9	999.9
25.3	75.3	7736.3	375.0	-37.5	-73.8	320.0	24.1	23.8	-2.8	322.5	324.5	0.1	69.7	999.9	999.9
27.2	79.0	8215.7	350.0	-40.8	-79.9	320.0	30.1	26.5	-2.2	324.5	326.5	0.1	69.7	999.9	999.9
28.9	82.7	8723.8	325.0	-44.8	-85.9	320.0	34.3	34.2	-2.1	326.5	328.5	0.1	69.7	999.9	999.9
30.7	86.7	9264.2	300.0	-48.9	-91.9	320.0	35.1	35.1	-1.5	328.5	330.5	0.1	69.7	999.9	999.9
32.7	90.8	9840.9	275.0	-52.9	-97.9	320.0	38.4	38.4	-1.7	330.5	332.5	0.1	69.7	999.9	999.9
34.7	95.2	10460.9	250.0	-56.9	-103.9	320.0	36.3	36.3	-2.1	332.5	334.5	0.1	69.7	999.9	999.9
36.9	99.7	11136.5	225.0	-60.9	-109.9	320.0	33.6	33.6	-1.7	334.5	336.5	0.1	69.7	999.9	999.9
39.4	104.6	11887.2	200.0	-64.9	-115.9	320.0	33.6	33.6	-2.1	336.5	338.5	0.1	69.7	999.9	999.9
42.2	110.0	12740.4	175.0	-68.9	-121.9	320.0	33.6	33.6	-2.1	338.5	340.5	0.1	69.7	999.9	999.9
45.2	115.7	13725.2	150.0	-72.9	-127.9	320.0	33.6	33.6	-2.1	340.5	342.5	0.1	69.7	999.9	999.9
49.0	122.3	14878.7	125.0	-76.9	-133.9	320.0	33.6	33.6	-2.1	342.5	344.5	0.1	69.7	999.9	999.9
53.6	129.7	16268.9	100.0	-80.9	-139.9	320.0	33.6	33.6	-2.1	344.5	346.5	0.1	69.7	999.9	999.9
58.2	138.5	18047.3	75.0	-84.9	-145.9	320.0	33.6	33.6	-2.1	346.5	348.5	0.1	69.7	999.9	999.9
59.3	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 4  
THROCKMORTON, TEXAS  
27 MARCH 1982  
1202 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	404.8	970.7	4.8	4.2	90.0	3.1	-3.1	0.0	280.3	294.0	5.3	96.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	11.4	580.4	950.0	3.2	2.8	99.9	99.9	99.9	99.9	280.4	293.1	5.0	97.7	0.0	0.0
2.0	13.7	798.3	925.0	0.8	1.6	99.9	99.9	99.9	99.9	281.3	293.4	4.6	97.3	0.0	0.0
3.0	16.0	1037.1	900.0	0.8	0.4	130.2	13.5	-10.3	8.7	282.3	293.7	4.4	97.1	1.6	399.0
4.2	18.4	1243.3	875.0	-0.5	-1.1	148.8	14.0	-7.2	12.0	283.2	293.9	4.0	95.8	2.6	305.0
5.2	20.8	1475.7	850.0	0.5	-0.3	193.0	12.3	2.8	11.9	286.7	298.5	4.4	94.6	3.2	315.0
6.2	23.3	1716.2	825.0	1.3	0.5	226.2	13.9	10.0	9.6	290.0	302.9	4.8	94.3	3.4	327.0
7.4	25.8	1964.6	800.0	2.1	1.3	235.6	18.2	15.0	10.3	293.4	307.7	5.3	93.9	3.6	345.0
8.5	28.3	2221.6	775.0	2.0	1.0	242.4	17.2	15.2	8.0	295.9	310.5	5.3	93.0	4.2	2.0
9.6	30.9	2486.0	750.0	0.8	-0.2	249.8	15.5	14.5	5.3	297.4	311.4	5.0	92.9	4.8	13.0
10.7	33.4	2758.2	725.0	0.5	-1.4	270.3	12.5	12.5	-0.1	300.0	312.3	4.8	93.5	5.2	22.0
12.2	36.0	3038.2	700.0	-2.3	-2.9	277.3	12.4	12.3	-1.6	301.2	312.4	4.4	95.4	5.5	33.0
13.5	38.6	3326.8	675.0	-4.0	-4.3	263.9	14.4	14.3	-1.5	302.7	313.0	4.1	97.7	6.2	41.0
14.9	41.3	3624.4	650.0	-5.6	-6.1	258.3	16.8	16.4	-3.4	303.3	313.5	3.7	96.1	7.2	48.0
16.5	44.0	3931.0	625.0	-8.0	-9.1	263.4	17.7	17.0	-4.1	304.8	312.2	3.1	91.8	8.7	53.0
18.1	46.9	4248.1	600.0	-9.8	-11.8	261.2	17.9	17.7	2.0	305.5	311.4	2.6	85.4	10.2	57.0
19.5	49.7	4575.2	575.0	-12.4	-15.7	253.8	17.0	16.3	2.7	306.0	310.8	1.5	72.4	11.6	61.0
20.9	52.6	4913.3	550.0	-15.2	-19.0	259.7	19.4	18.3	4.7	308.0	313.0	1.6	65.1	13.0	62.0
22.4	55.5	5263.9	525.0	-17.0	-25.6	263.2	30.0	29.8	3.6	308.5	309.7	0.4	55.1	14.4	64.0
23.7	58.6	5628.0	500.0	-20.1	-35.6	263.2	30.0	29.8	3.6	308.5	309.7	0.2	43.5	16.3	66.0
25.1	61.6	6007.0	475.0	-21.6	-41.1	263.2	30.0	29.8	3.6	308.5	309.7	0.2	33.5	18.0	69.0
26.7	64.8	6405.2	450.0	-21.9	-42.3	263.2	30.0	29.8	3.6	308.5	309.7	0.2	23.7	19.0	71.0
28.4	68.0	6824.0	425.0	-24.1	-44.0	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	20.9	73.0
30.3	71.3	7284.1	400.0	-26.8	-46.3	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	22.9	75.0
32.2	74.9	7788.7	375.0	-29.5	-48.3	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	24.9	77.0
34.0	78.3	8216.4	350.0	-32.5	-50.3	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	26.9	79.0
35.8	82.0	8734.2	325.0	-36.5	-52.3	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	28.9	81.0
38.0	85.8	9283.8	300.0	-41.0	-54.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	30.9	83.0
40.5	90.0	9899.9	275.0	-45.2	-57.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	32.9	85.0
43.2	94.3	10501.2	250.0	-49.2	-60.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	34.9	87.0
46.1	98.8	11166.9	225.0	-53.1	-63.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	36.9	89.0
49.1	103.6	11939.1	200.0	-57.1	-66.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	38.9	91.0
52.4	109.0	12811.9	175.0	-59.0	-69.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	40.9	93.0
56.4	114.7	13748.9	150.0	-59.1	-72.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	42.9	95.0
61.1	121.2	14890.9	125.0	-61.0	-75.9	263.2	30.0	29.8	3.6	308.5	309.7	0.2	13.7	44.9	97.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 4  
THROCKMORTON, TEXAS  
27 MARCH 1982  
1745 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	404.8	973.1	5.4	4.5	90.0	4.1	-4.1	0.0	280.7	284.7	5.4	94.0	0.0	0.
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	11.5	601.0	950.0	3.8	3.3	119.2	11.9	-10.4	5.8	281.0	284.2	5.1	96.8	0.5	301.
1.4	13.8	817.2	925.0	2.5	1.8	122.6	11.3	-9.5	6.1	281.5	283.8	4.7	97.6	1.1	302.
2.3	16.2	1038.2	900.0	0.3	-0.2	132.3	10.0	-7.4	6.7	282.0	283.0	4.2	95.5	1.6	302.
3.1	18.6	1284.4	875.0	0.3	-0.2	154.9	9.3	-3.9	8.4	284.1	285.5	4.3	98.7	2.1	305.
4.0	21.0	1497.1	850.0	1.6	1.1	209.3	7.3	3.6	6.4	287.9	300.9	4.9	98.4	2.5	314.
4.9	23.5	1738.3	825.0	1.6	1.2	263.8	5.8	5.7	0.6	280.3	303.9	5.1	98.9	2.4	322.
5.8	26.0	1986.2	800.0	0.6	0.3	285.3	5.3	3.8	-1.4	291.8	305.1	4.9	97.4	2.1	327.
6.8	28.5	2241.6	775.0	0.6	0.3	267.9	3.8	3.8	0.1	294.4	308.2	5.0	97.8	1.9	332.
7.5	31.0	2505.5	750.0	1.1	0.0	250.2	4.4	4.1	1.5	297.8	312.0	5.1	92.3	1.9	336.
8.4	33.6	2778.2	725.0	-0.3	-3.2	251.8	6.8	6.5	2.1	299.2	310.9	4.2	80.9	1.9	346.
9.5	36.2	3058.5	700.0	-1.8	-6.8	258.2	9.6	9.4	2.0	300.5	310.0	3.3	78.2	2.0	346.
10.6	38.9	3346.8	675.0	-3.6	-7.2	258.2	11.4	11.4	2.9	301.6	311.2	3.3	78.2	2.0	346.
11.7	41.6	3644.2	650.0	-5.6	-11.9	258.6	12.6	12.2	2.9	302.8	309.6	2.4	61.0	2.3	33.
12.9	44.3	3950.6	625.0	-8.0	-17.7	258.9	13.1	13.1	0.7	303.3	308.0	1.5	45.7	3.5	44.
14.0	47.1	4268.5	600.0	-9.8	-28.2	278.0	14.9	14.8	-2.1	304.7	308.1	0.6	20.6	4.1	53.
15.2	50.0	4593.4	575.0	-12.2	-32.6	280.6	17.3	16.7	-4.5	305.7	309.3	0.7	27.8	5.0	64.
16.1	52.8	4932.6	550.0	-13.7	-32.6	290.6	17.5	16.4	-6.2	307.8	309.3	0.4	18.4	5.8	70.
17.4	55.8	5284.2	525.0	-18.7	-31.1	293.5	18.1	16.6	-7.2	308.4	310.1	0.5	16.0	6.8	78.
18.6	58.8	5648.8	500.0	-19.5	-31.1	288.8	19.1	18.1	-6.1	309.2	310.1	0.3	16.0	7.9	83.
19.8	61.9	6030.7	475.0	-18.3	-42.8	280.1	24.7	24.3	-4.3	315.4	316.0	0.2	9.4	9.3	87.
21.2	65.1	6432.9	450.0	-19.8	-46.0	276.3	33.0	32.8	-3.6	318.4	318.9	0.1	7.5	11.7	89.
22.6	68.4	6855.3	425.0	-22.2	-47.1	273.5	38.6	38.6	-2.4	320.5	321.0	0.1	6.3	14.7	90.
23.9	71.9	7297.5	400.0	-25.9	-50.0	272.2	40.7	40.7	-1.6	321.3	321.7	0.1	6.3	18.0	91.
25.4	75.3	7761.9	375.0	-29.1	-52.6	272.6	42.7	42.6	-2.0	323.0	323.3	0.1	8.2	21.7	91.
26.9	78.8	8252.1	350.0	-31.9	-54.4	275.9	46.8	46.5	-4.8	325.8	326.0	0.1	8.5	25.6	91.
28.5	82.5	8771.9	325.0	-35.4	-58.9	276.6	49.3	49.0	-5.6	327.8	328.0	0.1	8.9	30.2	92.
30.2	86.5	9322.8	300.0	-40.5	-59.9	275.6	57.0	56.7	-5.6	328.3	329.9	99.9	99.9	35.6	93.
32.0	90.7	9911.2	275.0	-44.5	-59.9	273.0	58.5	58.4	-4.0	330.7	330.9	99.9	99.9	41.9	93.
34.1	95.0	10543.6	250.0	-48.5	-59.9	274.7	67.5	67.3	-3.6	334.0	334.0	99.9	99.9	49.6	93.
36.1	99.7	11230.2	225.0	-52.5	-59.9	274.7	67.5	67.3	-3.6	334.0	334.0	99.9	99.9	58.0	93.
38.4	104.6	11989.2	200.0	-53.3	-59.9	278.1	73.0	72.3	-10.4	338.4	338.4	99.9	99.9	67.5	94.
40.9	110.0	12844.6	175.0	-54.9	-59.9	276.9	73.0	72.3	-10.4	338.4	338.4	99.9	99.9	77.5	94.
44.1	116.0	13826.6	150.0	-58.1	-59.9	276.9	51.6	51.2	-7.1	359.2	359.2	99.9	99.9	88.3	95.
47.8	122.5	14970.0	125.0	-59.4	-59.9	278.1	48.8	48.3	-6.9	387.5	387.5	99.9	99.9	99.2	95.
52.3	130.0	16364.5	100.0	-59.1	-59.9	286.6	27.8	26.6	-8.0	413.6	413.6	99.9	99.9	108.3	95.
57.3	138.3	18161.7	75.0	-61.3	-59.9	324.7	18.1	10.4	-14.8	444.4	444.4	99.9	99.9	115.2	96.
64.7	148.0	20696.0	50.0	-58.1	-59.9	259.3	4.8	4.7	0.9	506.7	506.7	99.9	99.9	115.2	97.
76.2	158.3	23171.0	25.0	-48.3	-59.9	99.9	99.9	99.9	99.9	616.2	616.2	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 4  
THROCKMORTON, TEXAS  
27 MARCH 1982  
2000 GMT

TIME MIN	ONCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/NG	RH PCT	RANGE NM	AZ DG
0.0	9.0	404.8	973.4	5.1	3.1	90.0	2.1	-2.1	0.0	280.4	293.1	4.9	87.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.3	803.0	950.0	3.5	3.2	114.8	10.0	-9.1	4.2	280.7	293.8	5.1	98.1	0.4	292.0
1.4	13.6	818.8	925.0	1.4	1.1	115.4	10.9	-9.6	4.6	280.7	292.4	4.5	98.2	1.0	294.0
2.4	15.1	1039.2	900.0	0.2	-0.2	117.2	10.9	-9.7	5.0	281.6	292.5	4.2	98.2	1.6	294.0
3.2	18.5	1285.1	875.0	0.2	-0.1	148.7	8.5	-4.7	7.1	284.0	295.5	4.4	98.2	2.1	297.0
4.2	21.0	1498.1	850.0	1.6	1.2	218.9	4.8	3.1	3.7	287.8	300.9	4.9	97.6	2.3	304.0
5.1	23.4	1740.1	825.0	2.5	2.3	292.7	4.1	3.7	-1.6	291.3	306.0	5.5	97.5	2.1	308.0
6.0	25.9	1988.1	800.0	0.3	0.3	315.1	3.6	2.6	-2.6	291.3	306.0	5.5	97.5	2.1	308.0
6.9	28.5	2243.8	775.0	0.3	0.3	315.1	3.6	2.6	-2.6	291.3	306.0	5.5	97.5	2.1	308.0
7.9	31.0	2507.7	750.0	0.9	-0.3	307.5	3.9	2.7	-2.0	295.4	309.3	5.1	91.9	1.8	307.0
8.8	33.6	2780.5	725.0	0.1	-0.6	241.2	7.2	6.3	0.0	297.8	311.7	5.1	94.9	1.8	308.0
9.8	36.2	3081.1	700.0	-1.8	-4.5	244.9	9.5	8.6	3.5	299.6	313.7	5.1	94.9	1.8	308.0
10.9	38.9	3349.5	675.0	-4.0	-8.9	252.0	11.7	11.1	4.0	300.5	311.6	3.9	81.9	1.6	339.0
12.0	41.7	3648.3	650.0	-6.9	-11.9	263.1	13.4	13.3	3.8	301.2	309.6	2.9	67.3	1.6	339.0
13.1	44.4	3952.5	625.0	-7.6	-13.3	275.5	14.4	14.3	1.6	301.2	308.2	2.4	67.3	2.0	27.0
14.3	47.2	4288.6	600.0	-8.5	-16.1	282.3	15.4	15.1	-1.4	303.7	310.3	2.2	63.5	2.0	46.0
15.6	50.1	4598.8	575.0	-10.7	-18.6	289.5	15.3	14.4	-5.3	307.3	311.6	1.5	54.1	3.3	61.0
16.8	53.0	4940.0	550.0	-12.0	-21.8	295.7	13.4	12.1	-5.8	307.5	312.2	1.2	51.0	4.3	72.0
18.2	56.0	5295.2	525.0	-14.1	-24.2	299.9	13.8	12.0	-6.9	311.4	314.8	1.0	43.8	5.1	87.0
19.5	59.0	5693.8	500.0	-16.9	-26.5	302.2	15.8	13.4	-8.4	312.5	315.3	0.9	42.8	7.0	92.0
21.0	62.1	6047.8	475.0	-19.2	-29.0	298.9	17.6	15.4	-8.5	314.3	316.7	0.7	41.1	8.3	97.0
22.4	65.3	6448.3	450.0	-21.6	-31.9	291.7	22.3	20.7	-8.2	316.1	318.0	0.6	38.7	8.3	100.0
24.0	68.6	6897.8	425.0	-23.3	-34.0	282.7	31.8	31.0	-7.0	319.1	320.8	0.5	36.7	12.5	101.0
25.6	72.0	7309.4	400.0	-25.2	-36.6	278.6	36.5	35.1	-5.5	321.0	322.4	0.4	35.3	15.7	101.0
27.1	75.4	7773.2	375.0	-27.3	-39.6	275.9	39.9	38.7	-4.1	322.8	323.9	0.3	35.9	19.3	100.0
28.9	79.1	8262.2	350.0	-29.3	-42.7	276.8	43.9	43.6	-5.2	324.5	325.4	0.2	35.9	23.7	99.0
30.7	82.9	8779.9	325.0	-32.8	-46.0	277.6	48.1	47.7	-6.4	328.5	327.2	0.2	35.9	28.8	99.0
32.8	86.8	9330.5	300.0	-40.2	-49.9	275.2	53.0	52.8	-4.8	328.8	329.9	99.9	99.9	34.9	99.0
34.9	91.0	9918.2	275.0	-44.8	-53.2	271.7	63.2	62.2	-1.9	330.3	331.3	99.9	99.9	42.2	98.0
37.2	95.3	10550.4	250.0	-49.0	-59.9	268.9	83.8	83.8	1.2	333.3	334.3	99.9	99.9	50.9	97.0
39.5	100.0	11234.4	225.0	-53.4	-63.8	270.2	82.7	82.7	-0.2	336.7	337.7	99.9	99.9	58.5	95.0
42.1	105.0	11988.9	200.0	-52.8	-65.6	275.2	85.6	85.6	-2.2	340.2	341.2	99.9	99.9	70.0	95.0
45.0	110.3	12851.0	175.0	-54.0	-68.5	275.2	85.6	85.6	-2.2	340.2	341.2	99.9	99.9	80.4	95.0
48.4	116.2	13834.9	150.0	-58.5	-72.4	278.3	85.6	85.6	-2.2	340.2	341.2	99.9	99.9	90.9	95.0
52.4	122.7	14988.2	125.0	-58.5	-72.4	278.3	85.6	85.6	-2.2	340.2	341.2	99.9	99.9	103.0	95.0
56.9	130.3	16376.1	100.0	-61.3	-79.9	287.8	85.6	85.6	-2.2	340.2	341.2	99.9	99.9	114.3	95.0
62.7	139.0	18162.1	75.0	-62.5	-81.3	314.9	85.6	85.6	-2.2	340.2	341.2	99.9	99.9	123.4	97.0
70.5	149.0	20668.4	50.0	-59.4	-79.0	232.6	7.0	5.6	-13.7	503.5	509.8	99.9	99.9	123.4	97.0
82.2	159.5	25109.3	25.0	-52.0	-99.9	108.3	7.3	-8.9	2.3	635.2	635.2	99.9	99.9	122.4	96.0

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ORIGINAL PAGE IS  
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STATION NO. 4  
THROCKMORTON, TEXAS  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT Y DG K	WX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	404.8	973.7	4.3	3.0	90.0	3.1	-3.1	0.0	279.8	292.1	4.9	91.0	152	21.0
99.9	99.9	1000.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.3	605.5	950.0	3.6	2.9	99.9	99.9	99.9	99.9	280.8	292.6	5.0	95.2	99.9	99.9
1.6	13.7	821.6	925.0	2.0	1.5	99.9	99.9	99.9	99.9	281.4	292.3	4.6	95.4	99.9	99.9
2.3	15.1	1042.3	900.0	0.1	-0.5	99.9	7.5	-7.3	1.7	281.5	292.4	4.1	95.1	1.2	275.0
3.2	18.6	1268.4	875.0	-0.1	-0.7	133.5	6.9	-5.0	4.7	282.5	294.6	4.2	95.0	1.5	279.0
4.0	21.1	1501.3	850.0	1.1	0.4	179.0	4.1	-0.1	4.1	283.5	299.6	4.6	95.0	1.7	289.0
4.9	23.6	1742.2	825.0	1.7	1.0	315.1	1.7	-1.2	-1.2	290.4	303.8	5.0	95.2	1.7	290.0
5.7	26.1	1990.1	800.0	0.2	-0.5	37.9	2.3	-1.4	-1.8	291.4	303.9	4.5	94.9	1.7	289.0
6.6	28.7	2244.8	775.0	-0.7	-1.3	122.9	2.0	-1.7	1.1	293.1	305.4	4.5	95.3	1.8	283.0
7.8	31.2	2508.0	750.0	0.2	-0.9	232.1	8.1	4.8	3.8	295.8	310.0	4.8	92.5	1.7	289.0
8.5	33.9	2779.8	725.0	-1.0	-5.7	252.6	10.8	10.3	3.2	298.4	308.3	3.5	70.2	1.4	303.0
9.6	36.5	3059.4	700.0	-2.5	-7.9	267.8	12.0	12.0	0.5	299.6	308.3	2.0	65.7	1.0	325.0
10.8	39.2	3348.0	675.0	-2.4	-9.7	283.9	11.8	11.5	-2.3	303.0	311.0	2.7	57.2	0.9	31.0
11.9	41.9	3648.9	650.0	-5.7	-14.0	292.1	11.3	10.4	-4.2	304.2	310.2	2.0	45.4	1.3	67.0
13.1	44.7	3955.5	625.0	-5.7	-22.5	291.6	11.4	10.6	-4.2	306.0	308.2	1.0	25.0	2.0	84.0
14.4	47.6	4274.8	600.0	-7.1	-33.1	287.5	13.1	12.5	-3.3	307.9	308.2	0.4	10.4	2.8	92.0
15.7	50.4	4606.0	575.0	-8.1	-32.0	288.6	14.6	12.9	-4.7	310.5	312.0	0.4	12.5	3.9	96.0
16.9	53.3	4949.5	550.0	-10.4	-32.8	292.7	13.7	12.7	-5.3	311.7	313.2	0.4	13.8	4.9	99.0
18.3	56.4	5308.0	525.0	-13.1	-35.0	294.6	14.5	12.2	-5.0	312.6	313.9	0.4	13.9	6.0	102.0
19.8	59.4	5675.7	500.0	-15.6	-40.9	296.0	15.3	14.9	-5.6	314.0	314.7	0.2	9.3	7.4	104.0
21.3	62.6	6080.7	475.0	-18.6	-45.3	291.8	15.8	14.7	-5.9	315.0	315.5	0.1	7.3	8.8	106.0
22.8	65.7	6481.2	450.0	-21.7	-50.0	299.9	17.2	16.1	-5.8	316.0	316.3	0.1	5.7	10.2	107.0
24.2	69.0	6880.3	425.0	-24.1	-53.3	293.6	24.9	24.2	-5.6	318.2	318.4	0.1	4.7	12.1	107.0
26.0	72.4	7320.5	400.0	-27.1	-54.2	281.8	32.3	31.6	-5.6	319.7	320.0	0.1	5.8	15.1	105.0
27.7	75.8	7782.7	375.0	-30.3	-55.7	280.8	37.0	36.4	-5.8	321.5	321.8	0.1	6.2	18.7	105.0
29.7	79.6	8270.6	350.0	-33.2	-59.4	280.2	41.0	40.4	-7.3	323.9	324.1	0.0	5.3	23.2	104.0
31.6	83.3	8787.3	325.0	-37.1	-60.9	278.1	43.1	42.7	-8.1	325.6	325.7	0.0	6.3	27.9	103.0
33.7	87.3	9335.8	300.0	-41.3	-69.9	274.4	51.5	51.3	-4.0	327.1	327.1	99.9	99.9	33.2	102.0
35.9	91.5	9921.3	275.0	-45.4	-77.0	271.0	59.5	59.5	-1.1	329.5	329.5	99.9	99.9	41.0	100.0
38.2	95.0	10551.4	250.0	-48.8	-89.9	271.0	60.9	60.9	-1.0	333.5	333.5	99.9	99.9	49.7	98.0
40.8	100.5	11236.3	225.0	-53.6	-99.9	272.1	71.4	71.2	-3.6	336.2	336.2	99.9	99.9	59.2	98.0
43.6	105.6	11938.4	200.0	-54.3	-99.9	272.6	85.2	85.2	-3.0	346.8	346.8	99.9	99.9	71.6	97.0
46.8	110.8	12649.7	175.0	-55.4	-99.9	271.6	96.2	96.1	-1.6	362.2	362.2	99.9	99.9	82.2	96.0
50.5	116.7	13339.3	150.0	-55.4	-99.9	270.9	49.6	49.2	-6.0	374.0	374.0	99.9	99.9	94.8	95.0
54.5	123.2	14987.4	125.0	-60.0	-99.9	265.8	80.1	59.9	-4.4	386.2	386.2	99.9	99.9	105.2	95.0
59.3	130.7	16376.2	100.0	-60.5	-99.9	302.6	23.4	19.7	-12.6	410.9	410.9	99.9	99.9	117.9	95.0
65.0	139.0	18149.6	75.0	-63.8	-99.9	322.8	16.7	16.3	-3.7	439.5	439.5	99.9	99.9	123.0	96.0
72.9	149.0	20657.7	50.0	-59.5	-99.9	229.9	8.9	6.8	5.7	503.3	503.3	99.9	99.9	135.2	96.0
85.1	159.5	25083.4	25.0	-54.2	-99.9	170.3	6.6	-1.1	6.5	629.1	629.1	99.9	99.9	123.0	96.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 4  
THROCKMORTON, TEXAS  
28 MARCH 1982  
213 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	404.8	975.8	3.4	3.0	999.9	99.9	99.9	99.9	278.5	290.9	4.9	97.0	999.9	999.9
99.9	99.9	409.8	975.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	9.0	409.8	975.0	2.8	1.9	999.9	99.9	99.9	99.9	278.0	289.5	4.5	93.7	999.9	999.9
0.8	11.4	619.7	950.0	1.3	0.4	999.9	99.9	99.9	99.9	278.5	289.2	4.1	93.3	999.9	999.9
1.7	13.7	834.1	925.0	-0.0	-0.9	999.9	99.9	99.9	99.9	280.2	289.3	3.9	89.7	999.9	999.9
2.4	18.1	1053.2	900.0	-1.2	-2.7	999.9	99.9	99.9	99.9	283.2	293.2	3.5	90.5	999.9	999.9
3.2	18.4	1278.3	875.0	-0.6	-2.0	999.9	99.9	99.9	99.9	286.4	297.6	4.2	89.8	999.9	999.9
4.2	20.9	1510.9	850.0	0.4	-1.1	999.9	99.9	99.9	99.9	290.2	301.2	4.1	89.8	999.9	999.9
5.0	22.3	1750.3	825.0	-0.2	-1.7	999.9	99.9	99.9	99.9	291.6	302.4	3.9	89.8	999.9	999.9
5.8	25.7	1988.7	800.0	-0.9	-2.3	999.9	99.9	99.9	99.9	296.2	306.9	4.0	83.5	999.9	999.9
6.7	28.2	2250.0	775.0	-1.8	-3.3	999.9	99.9	99.9	99.9	298.5	309.9	99.9	99.9	999.9	999.9
7.5	30.7	2511.8	750.0	-0.8	-3.3	999.9	99.9	99.9	99.9	300.8	307.8	2.4	58.0	999.9	999.9
8.5	33.3	2781.8	725.0	-2.9	99.9	999.9	99.9	99.9	99.9	302.5	309.9	99.9	99.9	999.9	999.9
9.5	35.9	3059.0	700.0	-3.6	-11.4	999.9	99.9	99.9	99.9	304.7	309.9	99.9	99.9	999.9	999.9
10.6	38.5	3346.4	675.0	-4.4	99.9	999.9	99.9	99.9	99.9	307.0	309.9	99.9	99.9	999.9	999.9
11.6	41.1	3642.8	650.0	-5.7	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
12.7	43.9	3949.8	625.0	-8.8	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
13.9	46.7	4267.8	600.0	-7.9	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
15.0	49.5	4597.7	575.0	-6.4	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
16.3	52.3	4999.9	550.0	99.9	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
17.7	55.3	5399.9	525.0	99.9	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
19.1	58.4	5799.9	500.0	99.9	99.9	999.9	99.9	99.9	99.9	309.9	309.9	99.9	99.9	999.9	999.9
20.5	61.4	6199.9	475.0	-20.4	99.9	999.9	99.9	99.9	99.9	312.7	312.2	0.0	1.0	999.9	999.9
22.1	64.8	6599.9	450.0	-23.2	-64.7	999.9	99.9	99.9	99.9	316.2	316.2	0.0	1.0	999.9	999.9
23.6	67.8	6999.9	425.0	-25.6	-66.3	999.9	99.9	99.9	99.9	317.2	317.3	0.0	1.0	999.9	999.9
25.3	71.1	7399.9	400.0	-29.1	-68.6	999.9	99.9	99.9	99.9	318.0	318.0	0.0	1.0	999.9	999.9
27.0	74.6	7799.9	375.0	-32.2	-70.6	999.9	99.9	99.9	99.9	320.1	320.1	0.0	1.0	999.9	999.9
28.8	78.1	8199.9	350.0	-36.1	-73.2	999.9	99.9	99.9	99.9	322.6	322.7	0.0	1.0	999.9	999.9
30.6	81.8	8599.9	325.0	-39.2	-75.3	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
32.5	85.7	8999.9	300.0	-42.8	99.9	999.9	99.9	99.9	99.9	333.5	333.5	99.9	99.9	999.9	999.9
34.7	89.8	9399.9	275.0	-47.6	99.9	999.9	99.9	99.9	99.9	344.0	344.0	99.9	99.9	999.9	999.9
37.1	94.2	9799.9	250.0	-51.6	99.9	999.9	99.9	99.9	99.9	358.7	358.7	99.9	99.9	999.9	999.9
39.6	98.6	10199.9	225.0	-55.5	99.9	999.9	99.9	99.9	99.9	371.8	371.8	99.9	99.9	999.9	999.9
42.2	103.5	10599.9	200.0	-58.1	99.9	999.9	99.9	99.9	99.9	386.8	386.8	99.9	99.9	999.9	999.9
45.3	108.8	10999.9	175.0	-55.3	99.9	999.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9
48.7	114.5	11399.9	150.0	-57.1	99.9	999.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9
52.5	121.0	11799.9	125.0	-58.7	99.9	999.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9
55.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9
63.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9
67.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	399.9	399.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 4  
THROCKMORTON, TEXAS

28 MARCH 1982  
510 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	8.8	404.8	977.3	3.5	2.0	90.0	4.1	-4.1	0.0	278.5	290.1	4.5	90.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.1	423.0	975.0	3.4	99.9	114.8	10.4	-9.4	4.4	278.6	998.9	99.9	99.9	0.3	28.0
0.0	11.4	634.0	950.0	3.4	99.9	114.8	11.2	-10.2	4.5	279.1	290.1	4.3	92.7	0.5	28.0
1.7	13.7	848.9	925.0	0.4	-0.2	114.7	11.0	-10.0	4.6	279.7	290.3	4.3	96.2	1.1	28.0
2.5	16.1	1068.0	900.0	-1.1	-1.8	120.0	9.8	-8.5	4.9	280.3	290.0	3.7	95.0	1.6	28.0
3.3	18.4	1293.4	875.0	0.3	-0.6	125.8	5.9	-4.8	3.4	284.1	295.2	4.2	94.3	2.0	28.0
4.2	20.9	1526.5	850.0	1.4	0.6	110.4	3.9	-3.6	1.4	287.8	300.1	4.7	94.2	2.2	28.0
5.0	23.3	1766.8	825.0	0.5	-0.1	109.6	3.6	-3.4	1.2	289.2	301.5	4.6	95.3	2.4	28.0
5.8	25.7	2013.9	800.0	0.5	-0.9	49.9	1.8	-1.4	-1.2	290.6	302.7	4.5	97.1	2.5	28.0
6.7	28.2	2287.5	775.0	-1.2	-2.0	337.3	6.1	2.4	-5.6	292.5	304.2	4.3	94.2	2.4	28.0
7.7	30.7	2530.1	750.0	0.3	-12.6	308.7	12.7	9.9	-7.8	297.0	302.9	2.0	98.6	1.9	28.0
8.6	33.3	2802.0	725.0	0.2	-18.6	308.6	15.8	12.4	-9.9	299.7	303.4	1.2	98.6	1.2	28.0
9.6	35.9	3082.0	700.0	-1.7	-19.0	308.5	14.4	12.4	-7.3	300.6	304.3	1.2	98.6	0.7	28.0
10.5	38.6	3371.0	675.0	-3.3	-17.9	282.0	14.3	13.3	-5.4	302.0	306.3	1.4	98.6	0.9	18.0
11.6	41.2	3668.5	650.0	-4.6	-20.3	282.0	14.6	12.9	-6.9	303.7	307.4	1.2	98.6	1.7	13.0
12.6	44.0	3975.6	625.0	-6.5	-28.0	299.5	13.2	11.5	-6.5	305.0	307.0	0.8	98.6	2.5	13.0
13.8	46.8	4294.2	600.0	-7.6	-43.3	295.2	12.1	11.0	-5.2	307.3	307.8	0.1	98.6	3.4	13.0
14.9	49.6	4624.0	575.0	-9.8	-46.8	291.8	14.3	13.3	-5.3	308.5	308.9	0.1	98.6	4.2	13.0
16.0	52.5	4965.5	550.0	-11.9	-53.9	288.3	16.9	16.2	-4.7	310.0	310.2	0.0	98.6	5.2	13.0
17.1	55.4	5319.9	525.0	-14.3	-58.8	287.5	17.9	17.1	-5.2	311.3	311.4	0.0	98.6	6.4	13.0
18.4	58.4	5687.6	500.0	-17.3	-58.8	287.5	19.0	18.1	-5.7	312.0	312.1	0.0	98.6	7.7	13.0
19.7	61.5	6070.1	475.0	-19.9	-62.6	286.2	19.1	18.4	-5.3	313.0	313.4	0.0	98.6	9.2	13.0
21.0	64.6	6468.7	450.0	-22.8	-64.4	281.0	19.6	19.3	-3.7	314.6	314.7	0.0	98.6	10.7	13.0
22.4	67.9	6885.6	425.0	-25.7	-66.4	277.5	23.9	23.7	-3.1	316.0	316.1	0.0	98.6	12.5	13.0
24.0	71.3	7321.9	400.0	-29.6	-68.5	274.8	25.3	25.2	-2.0	317.5	317.6	0.0	98.6	14.8	10.0
25.6	74.8	7779.0	375.0	-33.2	-70.5	271.7	26.6	26.6	-0.8	317.6	317.6	0.0	98.6	17.1	10.0
27.3	78.4	8259.9	350.0	-37.1	-73.0	274.8	26.7	26.6	-2.2	318.7	318.8	0.0	98.6	19.8	10.0
29.1	82.2	8768.3	325.0	-40.8	-73.0	274.8	28.9	28.9	-1.4	320.5	318.9	99.9	98.6	22.7	10.0
31.0	86.0	9308.4	300.0	-44.3	-73.0	274.8	31.8	31.8	-0.9	322.9	318.9	99.9	98.6	25.8	10.0
33.1	90.2	9885.4	275.0	-49.2	-73.0	274.8	32.3	32.3	-0.3	324.0	318.9	99.9	98.6	28.9	10.0
35.3	94.6	10506.7	250.0	-51.5	-73.0	274.8	32.3	32.3	-0.3	324.0	318.9	99.9	98.6	31.9	10.0
37.7	99.2	11187.8	225.0	-53.9	-73.0	274.8	42.8	42.8	1.3	329.5	318.9	99.9	98.6	34.7	9.0
40.2	104.2	11943.2	200.0	-54.5	-73.0	274.8	44.1	44.1	2.6	335.9	318.9	99.9	98.6	37.1	9.0
43.2	109.5	12795.0	175.0	-55.2	-73.0	274.8	46.6	46.6	-1.2	346.4	318.9	99.9	98.6	41.1	9.0
46.5	115.2	13782.9	150.0	-55.2	-73.0	274.8	46.6	46.6	-1.2	359.3	318.9	99.9	98.6	47.5	9.0
50.2	121.7	14939.7	125.0	-57.5	-73.0	274.8	49.3	49.3	-0.3	375.0	318.9	99.9	98.6	55.6	9.0
54.5	129.0	16335.4	100.0	-62.0	-73.0	274.8	39.3	39.3	-2.0	391.0	318.9	99.9	98.6	64.1	9.0
60.0	137.3	18104.2	75.0	-62.5	-73.0	274.8	22.7	22.7	-1.2	407.9	318.9	99.9	98.6	73.5	9.0
67.8	147.0	20597.7	50.0	-59.7	-73.0	274.8	14.9	14.9	-0.5	442.0	318.9	99.9	98.6	87.5	9.0
79.5	157.0	24990.2	25.0	-54.3	-73.0	274.8	4.2	4.2	-4.1	502.9	318.9	99.9	98.6	90.4	9.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5 DENTON, TEXAS														146	41.	0
27 MARCH 1982																
1111 GMT																
TIME	CNTCT	HEIGHT	PRES	TEMP	DSM	DIR	SPEED	U COMP	V COMP	POT	E POT	MX	RH	RANGE	AZ	
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DG K	DG K	CM/KG	PCT	KM	DEG	
0.0	7.5	193.2	997.1	4.9	4.9	70.0	5.2	-4.9	-1.8	278.3	292.1	5.5	100.0	0.0	0	0
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.1	9.6	375.6	975.0	3.0	2.0	99.9	99.9	99.9	99.9	278.2	289.8	4.6	93.1	99.9	99.9	99.9
2.0	11.9	585.8	950.0	1.8	0.7	99.9	99.9	99.9	99.9	279.0	289.9	4.3	92.8	99.9	99.9	99.9
3.7	14.3	800.7	925.0	0.7	-0.4	123.7	12.8	-10.6	7.1	280.1	290.5	4.0	92.1	99.9	99.9	99.9
4.5	16.6	1020.6	900.0	-0.8	-1.9	130.3	14.2	-10.8	9.2	280.7	290.4	3.7	92.8	99.9	99.9	99.9
5.4	19.0	1245.2	875.0	-1.0	-2.0	138.2	13.8	-9.2	10.3	282.7	292.7	3.8	92.9	99.9	99.9	99.9
6.3	21.4	1477.5	850.0	-0.4	-1.3	154.3	11.5	-5.0	10.3	285.7	296.6	4.1	93.5	99.9	99.9	99.9
7.4	23.8	1716.5	825.0	-0.4	-1.3	185.6	10.1	1.0	10.0	288.2	299.6	4.2	94.0	99.9	99.9	99.9
8.5	26.3	1963.3	800.0	-0.2	-1.3	213.5	10.5	5.8	8.8	291.0	302.8	4.4	92.1	99.9	99.9	99.9
9.9	28.8	2217.6	775.0	-0.4	-1.5	231.9	14.3	11.3	8.9	293.4	305.6	4.4	92.6	99.9	99.9	99.9
11.2	31.3	2480.5	750.0	-0.0	-1.4	247.8	19.5	18.0	5.1	296.5	313.0	4.6	90.7	99.9	99.9	99.9
12.6	33.8	2752.5	725.0	0.1	-1.4	255.0	19.9	19.2	3.1	299.6	316.4	4.9	90.6	99.9	99.9	99.9
13.9	36.4	3034.3	700.0	-0.1	-1.4	260.4	18.6	18.3	2.2	302.4	316.7	3.7	92.2	99.9	99.9	99.9
15.5	39.0	3325.1	675.0	-0.1	-2.9	262.8	17.3	17.2	-0.0	303.7	314.5	3.3	90.0	99.9	99.9	99.9
17.0	41.7	3624.2	650.0	-4.7	-6.1	270.1	17.1	17.1	0.9	304.9	314.5	2.9	88.3	99.9	99.9	99.9
18.3	44.4	3932.1	625.0	-6.6	-8.2	269.5	16.6	15.6	0.9	307.2	314.5	2.4	85.7	99.9	99.9	99.9
19.7	47.2	4250.3	600.0	-8.4	-10.4	267.0	15.4	15.3	2.0	308.4	314.5	2.0	82.7	99.9	99.9	99.9
21.1	50.0	4579.3	575.0	-10.9	-13.3	262.4	13.9	13.6	2.9	307.2	314.5	2.0	80.2	99.9	99.9	99.9
22.5	52.9	4919.9	550.0	-13.2	-15.9	258.1	13.9	13.6	4.1	308.4	314.5	1.5	70.6	99.9	99.9	99.9
24.2	55.9	5272.7	525.0	-16.0	-20.1	255.2	16.0	15.4	3.9	309.7	312.4	0.8	18.7	99.9	99.9	99.9
26.0	58.9	5637.7	500.0	-19.2	-27.0	258.1	18.7	24.2	2.1	309.8	312.4	0.2	18.7	99.9	99.9	99.9
27.5	62.0	6016.7	475.0	-22.7	-40.1	264.9	24.3	32.0	2.6	311.7	312.4	0.1	18.7	99.9	99.9	99.9
29.3	65.0	6410.8	450.0	-25.1	-48.7	265.1	32.2	38.7	3.2	316.0	316.3	0.1	10.0	99.9	99.9	99.9
31.4	68.3	6826.3	425.0	-27.4	-52.5	264.9	38.8	39.0	3.5	319.4	319.8	0.2	10.0	99.9	99.9	99.9
33.2	71.6	7264.8	400.0	-27.4	-56.6	264.9	39.2	42.0	1.8	321.9	322.5	0.3	10.0	99.9	99.9	99.9
35.2	75.0	7726.5	375.0	-30.0	-60.7	267.5	42.0	46.8	-1.9	325.6	326.7	0.3	10.0	99.9	99.9	99.9
37.7	78.7	8215.6	350.0	-32.0	-64.7	272.3	46.9	46.8	-1.9	327.6	327.6	0.3	10.0	99.9	99.9	99.9
39.7	82.3	8735.3	325.0	-35.9	-68.5	271.7	50.2	50.2	1.5	327.6	327.6	0.3	10.0	99.9	99.9	99.9
41.8	86.3	9285.8	300.0	-41.0	-72.3	268.5	55.4	53.5	2.5	327.6	327.6	0.3	10.0	99.9	99.9	99.9
44.0	90.3	9870.5	275.0	-46.7	-76.3	267.3	54.0	48.9	-2.8	327.6	327.6	0.3	10.0	99.9	99.9	99.9
49.4	94.7	10493.2	250.0	-53.1	-80.1	273.3	49.0	62.5	-7.5	332.3	332.3	0.3	10.0	99.9	99.9	99.9
54.9	99.3	11169.9	225.0	-58.3	-84.1	276.8	57.2	56.1	-11.0	336.0	336.0	0.3	10.0	99.9	99.9	99.9
61.7	104.2	12738.3	200.0	-61.1	-88.1	281.1	56.7	53.7	-18.1	346.9	346.9	0.3	10.0	99.9	99.9	99.9
67.8	109.4	13692.0	175.0	-62.4	-92.0	286.6	56.7	53.7	-15.4	354.6	354.6	0.3	10.0	99.9	99.9	99.9
70.8	115.2	14823.1	150.0	-61.2	-95.9	280.5	54.2	53.7	-15.4	354.6	354.6	0.3	10.0	99.9	99.9	99.9
82.1	122.0	16209.5	125.0	-60.9	-99.9	326.0	45.4	25.4	-37.6	410.2	410.2	0.3	10.0	99.9	99.9	99.9
94.3	129.3	17973.4	100.0	-64.5	-99.9	326.0	45.4	25.4	-37.6	410.2	410.2	0.3	10.0	99.9	99.9	99.9
107.9	138.0	20485.3	75.0	-57.8	-99.9	99.9	99.9	99.9	99.9	507.4	507.4	0.3	10.0	99.9	99.9	99.9
126.9	148.0	22485.3	50.0	-57.8	-99.9	99.9	99.9	99.9	99.9	507.4	507.4	0.3	10.0	99.9	99.9	99.9
152.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS  
27 MARCH 1982  
1419 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.8	193.2	998.8	3.2	2.8	70.0	5.2	-4.9	-1.8	276.5	288.3	4.7	98.9	0.0	0.
0.9	99.9	398.4	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.7	11.6	597.7	995.0	1.9	1.3	99.9	99.9	99.9	99.9	277.0	288.0	4.3	99.9	999.9	999.9
2.7	14.0	811.4	925.0	0.5	-0.2	99.9	99.9	99.9	99.9	277.7	288.5	4.0	99.9	999.9	999.9
3.6	16.5	1030.1	900.0	-0.6	-1.3	115.5	16.8	-15.1	9.7	278.7	288.5	3.8	99.9	999.9	999.9
4.6	18.9	1253.6	875.0	-2.4	-3.0	132.0	17.8	-15.0	10.7	279.1	288.0	3.8	99.9	999.9	999.9
5.6	21.4	1485.8	850.0	-1.6	-2.1	137.0	14.5	-9.8	9.7	282.2	292.0	3.8	99.9	999.9	999.9
6.5	23.9	1725.0	825.0	0.0	-0.5	164.7	8.6	-2.3	8.3	286.2	297.7	4.3	99.9	999.9	999.9
7.8	26.4	1971.7	800.0	-0.3	-0.8	188.7	7.7	1.2	7.6	288.3	300.1	4.4	99.9	999.9	999.9
8.6	29.1	2226.3	775.0	-0.2	-0.7	232.4	10.2	8.1	6.2	290.9	303.2	4.5	99.9	999.9	999.9
9.7	31.7	2489.7	750.0	0.0	-0.6	251.7	13.7	13.0	4.3	293.9	308.0	4.7	99.9	999.9	999.9
10.6	34.3	2761.8	725.0	0.0	-0.4	256.3	17.5	17.1	3.5	295.8	310.5	5.0	99.9	999.9	999.9
11.5	37.0	3042.8	700.0	0.0	-0.8	262.8	16.7	16.6	2.1	299.5	313.6	5.1	99.9	999.9	999.9
12.5	39.7	3332.2	675.0	-1.2	-1.9	263.7	15.8	15.7	1.7	301.1	314.6	4.8	99.9	999.9	999.9
13.6	42.4	3630.1	650.0	-3.5	-4.1	261.4	15.7	15.5	2.3	301.8	313.7	4.2	99.9	999.9	999.9
14.9	45.1	3937.3	625.0	-7.3	-8.7	260.6	15.7	15.4	2.6	303.1	313.6	3.6	99.9	999.9	999.9
16.0	48.1	4234.2	600.0	-9.8	-12.6	257.0	16.1	15.7	3.4	304.1	313.4	3.2	99.9	999.9	999.9
17.1	51.0	4581.8	575.0	-11.9	-15.6	255.7	18.2	15.7	4.0	304.8	312.0	2.2	99.9	999.9	999.9
18.3	54.0	4921.0	550.0	-13.8	-17.1	251.9	14.1	13.4	4.4	308.1	311.5	1.9	99.9	999.9	999.9
19.6	57.0	5272.7	525.0	-17.0	-21.1	251.4	13.8	13.0	4.4	307.7	311.7	1.3	99.9	999.9	999.9
21.1	60.0	5637.4	500.0	-19.6	-27.9	252.1	15.7	14.9	4.8	308.0	310.3	0.7	99.9	999.9	999.9
22.4	63.3	6017.4	475.0	-21.4	-35.3	256.4	18.4	17.8	4.5	309.2	312.8	0.6	99.9	999.9	999.9
23.6	66.5	6414.8	450.0	-22.9	-38.4	267.2	24.1	24.0	1.6	311.4	315.5	0.4	99.9	999.9	999.9
25.1	69.9	6832.7	425.0	-24.2	-39.9	265.9	37.2	33.6	2.6	314.4	318.9	0.3	99.9	999.9	999.9
26.7	73.3	7272.6	400.0	-27.0	-42.3	265.1	38.4	38.2	3.3	319.9	320.7	0.2	99.9	999.9	999.9
28.3	76.7	7734.3	375.0	-30.6	-44.8	262.2	40.1	39.7	5.4	321.1	321.7	0.2	99.9	999.9	999.9
29.9	80.4	8222.0	350.0	-33.1	-46.0	263.0	44.4	44.0	5.4	324.1	324.8	0.2	99.9	999.9	999.9
31.7	84.2	8738.9	325.0	-37.1	-47.2	268.8	45.5	45.5	0.9	325.6	326.2	0.2	99.9	999.9	999.9
33.6	88.1	9286.9	300.0	-41.2	-49.9	270.2	48.7	48.7	-0.2	327.4	329.3	0.2	99.9	999.9	999.9
35.7	92.3	9873.0	275.0	-45.7	-51.9	268.5	54.7	54.7	-2.4	329.1	331.1	0.2	99.9	999.9	999.9
37.8	96.7	10501.5	250.0	-50.4	-54.0	272.7	51.9	51.8	8.1	331.1	335.8	0.2	99.9	999.9	999.9
40.1	101.2	11184.0	225.0	-54.0	-56.8	278.0	57.9	57.3	-8.1	335.8	343.1	0.2	99.9	999.9	999.9
42.5	106.0	11934.0	200.0	-56.8	-58.9	278.5	62.6	62.0	-8.2	343.1	357.2	0.2	99.9	999.9	999.9
45.3	111.5	12783.9	175.0	-58.2	-60.9	277.2	52.8	52.4	-6.6	357.2	371.1	0.2	99.9	999.9	999.9
48.5	117.2	13760.3	150.0	-57.4	-60.9	279.3	39.8	39.3	-6.4	371.1	384.8	0.2	99.9	999.9	999.9
52.1	123.7	14904.6	125.0	-60.9	-62.7	284.8	34.5	33.3	-8.8	384.8	399.9	0.2	99.9	999.9	999.9
56.4	131.3	16288.0	100.0	-62.7	-64.1	287.5	28.8	27.4	-8.7	411.6	427.4	0.2	99.9	999.9	999.9
61.7	140.0	18069.9	75.0	-64.1	-66.2	352.9	16.4	2.0	-16.3	441.4	459.9	0.2	99.9	999.9	999.9
68.6	150.0	20593.3	50.0	-56.2	-67.7	349.7	6.7	1.2	-6.8	511.2	527.4	0.2	99.9	999.9	999.9
79.5	161.0	25016.3	25.0	-51.6	-67.7	158.7	6.4	-2.3	-5.9	636.4	659.9	0.2	99.9	999.9	999.9

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS  
27 MARCH 1982  
1713 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	SEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	193.2	1000.0	3.2	2.8	90.0	4.1	-4.1	0.0	278.4	288.2	4.7	97.0	0.0	0.0
39.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.5	398.2	975.0	1.7	0.6	96.1	11.8	-11.5	1.2	278.9	287.4	4.1	92.2	0.4	266.
1.5	11.7	807.3	950.0	0.2	-0.7	103.1	12.9	-12.6	2.9	277.4	287.2	3.8	93.3	1.0	274.
2.3	14.6	820.6	925.0	-1.1	-2.2	111.1	15.0	-14.0	5.4	276.2	287.3	3.5	92.6	1.7	279.
3.8	16.4	1039.4	900.0	-1.0	-1.9	131.7	16.5	-8.2	7.3	280.5	290.1	3.7	93.8	2.2	285.
3.8	18.7	1265.7	875.0	1.4	0.6	141.5	16.5	-4.1	5.1	285.2	297.3	4.6	94.8	2.5	290.
4.6	21.1	1499.1	850.0	0.8	-0.0	145.7	4.0	-2.2	3.3	287.0	298.9	4.5	94.4	2.7	293.
5.4	23.5	1738.9	825.0	-0.1	-0.9	185.3	3.5	0.3	3.5	288.5	300.2	4.4	94.5	2.8	295.
6.3	25.9	1985.5	800.0	-0.3	-1.1	235.5	6.6	5.4	3.7	290.8	302.6	4.4	94.1	2.8	299.
7.1	30.8	2501.3	775.0	-1.3	-1.9	255.0	10.1	9.7	2.6	292.4	304.2	4.3	95.7	2.8	307.
7.9	33.4	2771.9	725.0	-1.4	-2.1	263.5	13.5	13.4	1.5	295.0	307.2	4.4	95.2	2.8	316.
8.9	35.9	3051.4	700.0	-1.6	-3.0	263.8	13.1	13.1	1.0	297.7	310.4	4.4	95.0	1.8	338.
9.8	38.6	3340.2	675.0	-2.3	-4.5	254.5	11.9	11.8	1.3	299.9	312.3	4.4	95.5	1.8	359.
10.7	41.2	3637.5	650.0	-3.8	-7.6	247.4	12.5	12.1	3.3	301.4	313.0	4.1	94.4	2.0	19.
11.7	43.9	3943.9	625.0	-5.9	-9.6	245.9	15.1	13.1	5.5	302.3	311.9	3.3	88.1	2.5	33.
12.7	46.6	4260.3	600.0	-7.8	-14.4	249.2	15.2	14.2	6.1	304.3	312.2	3.0	86.8	3.3	41.
13.7	49.4	4587.1	575.0	-12.3	-18.4	252.4	15.0	14.3	4.5	304.3	310.7	3.1	71.7	4.2	47.
14.8	52.3	4925.7	550.0	-14.3	-20.7	260.8	15.0	13.9	2.2	307.1	310.4	1.6	60.3	5.1	51.
15.9	55.3	5278.7	525.0	-17.0	-23.2	268.7	13.0	13.0	0.3	308.0	311.5	1.2	58.2	6.0	55.
17.1	58.3	5641.4	500.0	-19.2	-26.4	271.2	15.4	15.4	-0.3	309.6	311.9	0.7	40.4	6.9	59.
18.2	61.4	6020.4	475.0	-22.1	-28.4	271.8	24.6	24.6	-0.8	310.7	311.0	0.1	7.3	7.6	63.
20.6	64.4	6417.9	450.0	-21.9	-33.2	269.6	33.0	33.0	0.2	315.8	316.0	0.1	3.9	8.8	67.
21.9	67.7	6837.5	425.0	-23.4	-35.5	267.3	36.2	36.1	1.7	319.0	319.2	0.1	3.9	10.5	75.
23.1	70.9	7278.1	400.0	-26.7	-38.2	265.2	36.6	36.5	3.1	320.3	320.5	0.0	4.6	13.5	77.
24.6	74.4	7740.7	375.0	-30.2	-41.5	262.4	38.3	38.0	5.1	321.6	321.8	0.0	5.0	16.2	78.
26.0	78.0	8228.0	350.0	-33.3	-45.5	263.4	40.5	40.3	4.6	323.9	324.1	0.0	5.0	19.4	79.
27.5	81.7	8745.6	325.0	-36.6	-48.1	263.2	41.8	41.7	2.1	326.3	326.4	0.0	5.7	22.7	80.
29.1	85.6	9295.7	300.0	-40.7	-51.3	268.5	49.4	49.4	0.4	328.1	328.4	0.0	5.9	26.4	81.
30.6	89.7	9882.2	275.0	-45.4	-54.9	270.9	51.1	51.1	-0.4	329.5	329.9	99.9	99.9	30.7	82.
32.9	94.0	10510.7	250.0	-50.0	-59.9	271.1	52.2	52.2	-1.0	331.7	331.9	99.9	99.9	36.2	84.
35.1	98.7	11193.4	225.0	-54.1	-64.4	273.0	57.2	57.1	-3.0	335.6	335.9	99.9	99.9	42.2	85.
37.3	103.8	11943.8	200.0	-56.4	-67.2	277.2	51.4	51.0	-6.4	343.4	343.9	99.9	99.9	49.2	86.
39.9	109.0	12790.0	175.0	-56.7	-69.9	277.8	48.7	48.7	-2.3	356.3	356.9	99.9	99.9	56.6	87.
42.8	115.0	13766.9	150.0	-58.1	-72.8	283.8	45.4	45.4	-6.3	370.1	370.9	99.9	99.9	64.5	88.
46.4	121.5	14910.4	125.0	-60.8	-76.8	287.4	42.2*	41.0	-10.1	386.3	386.9	99.9	99.9	72.5	89.
50.7	129.0	16303.4	100.0	-59.8	-79.9	287.4	22.7*	21.7	-6.8	412.2	412.9	99.9	99.9	81.5	90.
55.9	137.3	18087.3	75.0	-62.4	-83.9	295.5	14.3	12.9	-6.2	442.2	442.9	99.9	99.9	89.5	91.
63.0	147.0	20800.0	50.0	-59.6	-89.9	295.5	5.6	5.5	-1.4	503.1	503.9	99.9	99.9	95.0	92.
73.8	157.0	24993.5	25.0	-51.2*	-99.9	99.9	99.9	99.9	99.9	637.4	637.9	99.9	99.9	97.7	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS  
27 MARCH 1982  
2320 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	193.2	1000.2	4.2	2.7	90.0	4.0	-4.0	0.0	277.3	289.2	4.6	89.7	0.0	0.
0.0	6.7	194.6	1000.0	4.2*	99.9	99.9	99.9	99.9	99.9	277.4	289.9	99.9	99.9	99.9	99.9
0.9	9.2	400.8	975.0	2.1	1.1	99.9	99.9	99.9	99.9	277.3	288.2	4.3	93.4	99.9	99.9
1.6	11.5	610.3	950.0	0.8	0.1	99.9	99.9	99.9	99.9	278.0	288.4	4.1	95.4	99.9	99.9
2.4	13.9	824.1	925.0	-1.0	-1.6	100.6	9.7	-9.5	1.8	278.3	288.6	3.7	95.8	1.3	275.
3.2	16.3	1042.6	900.0	-2.1	-2.7	107.3	9.6	-9.2	2.9	278.3	288.4	3.5	95.8	1.7	275.
4.0	18.7	1266.5	875.0	-0.3	-2.4	117.1	10.4	-9.3	4.7	281.9	297.0	4.2	94.5	2.2	281.
4.9	21.2	1488.1	850.0	-0.8	-1.1	137.7	5.4	-3.6	4.0	285.9	297.0	4.2	94.5	2.2	281.
5.7	23.6	1737.7	825.0	-0.2	-1.0	155.1	1.8	-0.8	1.7	288.4	300.0	4.3	94.3	2.7	288.
6.6	26.2	1984.0	800.0	-0.8	-1.8	172.4	1.2	0.6	-1.0	290.3	301.8	4.3	94.4	2.7	288.
7.5	28.7	2237.6	775.0	-1.6	-2.3	195.6	2.6	2.3	-1.1	292.1	303.5	4.2	94.5	2.7	288.
8.4	31.2	2498.8	750.0	-1.4	-2.3	218.1	4.4	4.3	-1.1	295.1	307.1	4.4	94.3	2.7	288.
9.3	33.9	2789.7	725.0	-1.8	-2.5	257.1	7.2	7.1	1.8	297.5	309.8	4.4	94.6	2.7	288.
10.2	36.4	3049.1	700.0	-2.4	-3.1	285.1	10.6	10.6	0.9	299.9	312.2	4.4	94.8	2.7	288.
11.3	39.2	3337.0	675.0	-4.2	-10.3	271.4	12.2	12.2	-0.3	300.9	308.5	2.6	62.8	1.3	318.
12.3	41.9	3634.2	650.0	-5.3	-15.9	278.1	11.2	11.1	-1.8	303.0	308.1	1.7	43.0	0.9	351.
13.4	44.7	3941.3	625.0	-7.5	-19.0	283.6	10.3	10.0	-2.4	303.9	308.1	1.4	39.7	0.8	371.
14.5	47.4	4258.4	600.0	-9.0	-22.5	287.1	10.2	9.7	-3.0	305.7	309.1	1.1	33.1	1.3	380.
15.6	50.3	4586.6	575.0	-10.5	-32.5	290.0	11.0	10.3	-3.8	307.7	309.1	0.4	14.4	1.8	380.
16.8	53.3	4927.8	550.0	-12.2	-33.5	293.1	12.7	11.7	-5.0	309.7	311.0	0.4	14.9	2.7	380.
17.9	56.3	5282.2	525.0	-14.0	-34.7	297.6	13.8	12.2	-6.4	311.6	312.9	0.4	15.4	2.7	380.
19.2	59.3	5651.4	500.0	-16.0	-37.1	299.6	16.2	14.0	-8.0	313.6	314.7	0.3	14.2	2.7	380.
20.6	62.5	6035.2	475.0	-19.3	-40.4	295.6	17.5	15.7	-7.5	314.1	314.9	0.2	13.4	2.7	380.
22.0	65.7	6434.4	450.0	-23.1	-45.3	287.8	18.1	16.6	-7.1	315.9	316.3	0.1	10.9	7.4	308.
23.4	69.0	6850.1	425.0	-25.8	-48.3	283.2	23.4	22.2	-7.2	320.0	320.3	0.1	8.5	11.4	107.
24.8	72.4	7288.9	400.0	-27.0	-50.6	281.9	29.8	29.0	-6.8	321.6	321.9	0.1	8.5	17.8	105.
26.0	76.0	7750.5	375.0	-30.2	-53.1	281.1	35.0	34.3	-7.2	322.9	323.1	0.1	8.5	21.7	104.
28.0	79.7	8238.0	350.0	-34.0	-56.2	277.7	37.7	37.4	-5.1	324.5	324.6	0.0	10.5	26.0	103.
29.7	83.4	8752.9	325.0	-37.9	-57.6	277.3	43.6	43.2	-5.5	326.5	326.6	99.9	99.9	30.9	102.
31.5	87.3	9299.6	300.0	-41.7	-59.9	277.5	50.0	49.6	-6.5	327.7	327.7	99.9	99.9	37.3	101.
33.3	91.5	9883.4	275.0	-46.7	-59.9	274.9	50.8	50.6	-4.3	331.2	331.2	99.9	99.9	44.3	100.
35.7	95.7	10510.6	250.0	-50.4	-59.9	275.2	51.6	51.3	-4.7	335.1	335.1	99.9	99.9	52.2	99.
37.3	100.6	11190.3	225.0	-54.5	-59.9	275.9	50.2	49.9	-5.2	340.4	340.4	99.9	99.9	59.0	99.
40.2	105.6	11943.8	200.0	-53.9	-59.9	272.3	44.3	44.3	-1.8	369.6	369.6	99.9	99.9	67.7	98.
42.8	111.0	12800.3	175.0	-54.2	-59.9	277.2	45.8	45.5	-5.8	388.0	388.0	99.9	99.9	76.6	98.
45.9	117.0	13778.6	150.0	-58.1	-59.9	278.2	39.1	38.7	-5.8	408.2	408.2	99.9	99.9	85.0	98.
49.4	123.5	14921.5	125.0	-59.1	-59.9	285.5	27.2	26.1	-7.7	438.1	438.1	99.9	99.9	91.8	98.
53.5	131.0	16306.4	100.0	-61.3	-59.9	294.1	17.0	15.5	-6.9	501.1	501.1	99.9	99.9	95.3	100.
58.7	139.5	18083.8	75.0	-64.3	-59.9	315.0	12.8	9.1	-9.1	628.8	628.8	99.9	99.9	98.5	100.
65.5	149.0	20580.0	50.0	-60.4	-59.9	315.0	4.9	2.0	-4.5						
76.9	159.5	24988.5	25.0	-54.3	-59.9	204.4									

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS  
28 MARCH 1982  
206 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.3	193.2	1001.9	4.5	2.3	90.0	2.5	-2.5	0.0	277.5	289.0	4.5	85.5	0.0	0.
0.1	6.5	208.7	1000.0	4.4	2.0	999.5	99.9	99.9	99.9	277.5	288.8	4.4	84.7	999.9	999.
0.8	8.9	414.3	975.0	2.3	1.0	999.9	99.9	99.9	99.9	277.4	288.7	4.2	91.5	999.9	999.
1.7	11.2	623.9	950.0	0.8	-0.4	999.9	99.9	99.9	99.9	278.0	288.1	3.9	91.3	0.8	265.
2.4	13.6	837.8	925.0	-0.7	-1.0	101.1	9.0	-8.8	1.7	278.0	288.0	3.9	91.3	1.2	265.
3.3	16.0	1056.3	900.0	-2.0	-2.5	111.0	8.0	-8.4	3.2	279.4	288.7	3.7	98.5	1.7	271.
4.1	18.4	1280.6	875.0	-1.6	-2.1	116.9	6.6	-5.9	3.0	282.2	287.1	3.5	98.5	2.1	278.
4.9	20.8	1512.7	850.0	-0.3	-0.2	98.3	2.5	-2.5	0.4	286.5	286.2	4.4	98.2	2.3	278.
5.8	23.3	1752.5	825.0	-0.9	-0.6	71.4	1.4	-1.3	-0.4	288.5	300.5	4.4	98.1	2.3	277.
6.6	25.8	1998.9	800.0	-0.9	-1.4	37.4	2.2	-1.3	-0.7	290.2	301.9	4.4	98.1	2.4	276.
7.6	28.4	2252.4	775.0	-1.6	-2.1	355.5	1.6	0.1	-1.6	291.9	303.3	4.4	98.1	2.5	273.
8.5	31.0	2513.7	725.0	-1.6	-2.1	272.7	4.3	4.3	-0.4	294.9	308.9	4.4	98.1	2.4	273.
9.5	33.6	2783.8	700.0	-2.9	-3.5	272.7	7.9	7.9	-0.4	296.3	307.7	4.1	98.1	2.0	273.
10.6	36.2	3061.2	675.0	-4.9	-7.4	272.8	10.1	10.0	-0.5	297.1	308.4	3.3	85.0	1.4	274.
11.7	39.0	3346.8	650.0	-5.1	-14.3	275.2	9.7	9.7	-0.9	299.9	305.5	1.9	58.1	0.7	272.
12.7	41.6	3643.3	625.0	-5.9	-12.5	275.2	9.9	9.9	99.9	302.4	305.0	2.2	58.1	0.7	272.
13.8	44.2	3950.1	600.0	-6.9	-19.3	275.2	9.9	9.9	99.9	304.6	308.8	1.3	58.1	0.7	272.
14.8	47.0	4287.4	575.0	-9.1	-35.0	275.2	9.9	9.9	99.9	305.6	308.2	0.8	58.1	0.7	272.
16.0	49.9	4595.5	550.0	-10.8	-31.2	281.9	11.2	11.0	-2.3	307.3	309.0	0.5	58.1	0.7	272.
17.1	52.8	4936.7	525.0	-12.2	-40.6	286.1	13.0	12.9	-3.6	309.7	310.4	0.2	58.1	0.7	272.
18.4	55.8	5290.6	500.0	-14.6	-46.8	294.3	14.1	14.5	-5.8	310.9	311.2	0.1	58.1	0.7	272.
19.6	58.8	5658.2	475.0	-17.1	-50.0	291.3	15.6	14.5	-6.5	312.2	312.5	0.1	58.1	0.7	272.
20.9	61.9	6040.3	450.0	-20.4	-52.1	291.3	15.6	14.5	-6.5	312.7	313.0	0.0	58.1	0.7	272.
22.3	65.1	6437.7	425.0	-24.0	-55.5	294.7	17.6	17.6	-6.7	313.1	313.3	0.0	58.1	0.7	272.
23.6	68.3	6852.7	400.0	-26.5	-56.6	294.7	18.8	17.6	-6.7	315.1	315.2	0.0	58.1	0.7	272.
25.1	71.7	7288.5	375.0	-28.9	-59.1	283.9	23.8	23.1	-5.7	317.4	317.6	0.0	58.1	0.7	272.
26.6	75.1	7748.9	350.0	-32.3	-61.3	282.8	27.9	27.2	-6.2	318.9	319.0	0.0	58.1	0.7	272.
28.1	78.9	8230.5	325.0	-35.4	-63.2	279.9	30.8	30.3	-6.2	321.0	321.1	0.0	58.1	0.7	272.
29.7	82.6	8742.9	300.0	-38.9	-64.9	275.8	34.1	33.9	-3.4	323.0	323.1	0.0	58.1	0.7	272.
31.5	86.5	9286.2	275.0	-43.7	-69.9	277.0	41.8	41.5	-5.1	323.8	323.9	99.9	58.1	0.7	272.
33.4	90.7	9865.6	250.0	-47.8	-73.9	273.9	46.3	46.2	-3.1	326.0	326.0	99.9	58.1	0.7	272.
35.6	94.8	10489.1	225.0	-52.0	-79.9	270.6	50.8	46.0	-0.5	328.8	328.8	99.9	58.1	0.7	272.
37.9	99.5	11165.2	200.0	-56.2	-89.9	272.9	50.8	50.7	-2.6	332.3	332.3	99.9	58.1	0.7	272.
40.6	104.5	11910.8	175.0	-58.2	-99.9	270.5	48.0	48.0	-0.4	334.6	334.6	99.9	58.1	0.7	272.
43.6	110.0	12760.9	150.0	-55.7	-99.9	272.1	44.2	44.2	-1.7	338.1	338.1	99.9	58.1	0.7	272.
46.8	115.7	13738.8	125.0	-57.7	-99.9	270.5	39.1	39.1	-0.4	340.6	340.6	99.9	58.1	0.7	272.
50.2	122.2	14883.7	100.0	-59.3	-99.9	281.5	31.2	30.6	-6.2	367.7	367.7	99.9	58.1	0.7	272.
54.8	129.7	16266.0	75.0	-62.4	-99.9	281.7	24.3	23.8	-4.9	407.1	407.1	99.9	58.1	0.7	272.
60.6	138.7	18025.2	50.0	-65.2	-99.9	283.9	14.2	13.7	-3.4	436.3	436.3	99.9	58.1	0.7	272.
68.5	149.5	20522.7	25.0	-61.7	-99.9	334.3	7.8	3.4	-7.0	498.2	498.2	99.9	58.1	0.7	272.
81.6	161.5	24908.0	25.0	-53.0	-99.9	999.9	99.9	99.9	99.9	632.4	632.4	99.9	58.1	0.7	272.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5 DENTON, TEXAS														159 13. 0	
28 MARCH 1982															
500 GMT															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	193.2	1003.2	4.7	2.1	0.0	0.0	3.0	0.0	277.6	286.9	4.4	83.0	0.0	0.
0.2	6.9	425.0	1000.0	4.6	0.1	86.5	3.3	-3.0	-1.3	277.7	287.7	3.9	82.5	0.1	287.
0.9	9.2	425.0	975.0	2.6	-0.1	95.2	5.1	-5.1	0.5	277.8	287.9	3.9	82.5	0.2	251.
1.7	11.6	834.9	950.0	1.3	-1.7	111.2	7.8	-7.3	0.5	278.5	287.8	3.6	80.8	0.5	269.
2.6	14.0	849.4	935.0	0.7	-4.3	116.5	12.3	-11.0	5.5	280.1	286.0	3.0	68.8	1.0	284.
3.4	18.9	1099.0	905.0	0.3	-6.0	119.7	13.8	-12.0	6.8	281.6	289.1	2.7	62.8	1.7	289.
4.3	18.9	1235.1	875.0	-0.7	-1.3	125.7	9.0	-7.3	5.3	283.1	293.6	4.0	95.8	2.3	283.
5.1	21.4	1527.4	850.0	-0.1	-0.3	108.8	3.6	-3.4	1.2	285.1	297.8	4.4	98.1	2.8	284.
6.1	22.9	1767.0	825.0	0.4	-0.1	110.5	1.3	-1.2	0.5	285.0	301.4	4.6	98.7	2.7	284.
6.9	26.4	2013.5	800.0	-0.9	-1.3	146.1	1.6	-1.0	1.5	290.2	302.0	4.3	98.7	2.8	284.
7.8	29.0	2287.2	775.0	-0.9	-0.9	261.9	3.1	3.0	0.4	292.9	305.5	4.3	97.6	2.8	285.
8.7	31.5	2529.2	750.0	-2.1	-2.4	268.7	6.0	5.4	-2.7	294.3	305.1	4.0	97.6	2.5	285.
9.7	34.2	2798.3	725.0	-3.5	-3.7	258.8	7.9	7.1	-3.5	295.8	306.8	3.8	98.9	2.1	295.
10.6	36.7	3075.8	700.0	-3.8	-5.1	279.1	10.4	10.3	-1.7	298.3	308.9	3.8	98.9	1.6	297.
11.7	39.4	3363.7	675.0	-3.4	-11.8	274.5	10.4	11.6	-0.9	301.8	308.6	3.3	98.9	1.0	316.
12.8	42.1	3681.6	650.0	-4.2	-17.1	284.3	11.7	10.5	-2.6	304.2	309.0	2.3	98.9	0.8	316.
14.1	45.0	3970.0	625.0	-5.5	-27.1	288.9	10.8	10.2	-3.6	305.1	308.3	0.7	98.9	0.9	316.
15.1	47.8	4288.7	600.0	-7.9	-29.2	288.9	11.3	10.6	-3.3	307.0	308.8	0.6	98.9	1.4	316.
16.2	50.7	4618.2	575.0	-10.2	-29.8	288.9	11.3	12.0	-3.6	308.0	309.8	0.6	98.9	2.2	316.
17.4	53.6	4959.0	550.0	-12.9	-33.2	288.9	13.7	13.1	-3.9	308.8	310.2	0.4	98.9	3.2	316.
18.6	56.6	5311.9	525.0	-15.4	-37.1	284.6	15.3	14.8	-3.9	309.9	311.0	0.2	98.9	4.2	316.
20.1	59.6	5679.0	500.0	-17.5	-41.6	280.9	16.3	15.9	-3.0	311.7	312.4	0.2	98.9	5.6	316.
21.6	62.3	6060.9	475.0	-20.6	-43.6	280.9	15.7	15.5	-3.0	312.8	313.1	0.2	98.9	7.0	316.
23.1	66.0	6457.7	450.0	-24.2	-48.3	274.8	15.7	15.6	-1.3	312.8	313.3	0.1	98.9	8.4	316.
24.6	69.3	6871.9	425.0	-27.3	-48.3	272.2	16.3	16.3	-0.9	314.0	314.4	0.1	98.9	8.8	316.
26.2	72.7	7305.7	400.0	-30.4	-50.6	272.2	20.7	20.7	-0.8	315.5	315.9	0.1	98.9	11.5	316.
27.8	76.3	7781.6	375.0	-33.6	-53.3	274.1	23.6	23.5	-1.7	315.5	315.9	0.1	98.9	13.5	316.
29.5	79.9	8242.4	350.0	-36.7	-55.6	275.1	25.1	25.0	-2.5	317.1	317.4	0.1	98.9	13.6	316.
31.4	83.7	8751.4	325.0	-40.7	-55.6	274.1	28.2	28.2	-2.0	319.2	319.4	0.1	98.9	16.3	316.
33.4	87.7	9292.2	300.0	-44.5	-59.9	270.7	30.9	30.9	-0.2	320.6	320.6	99.9	98.9	18.3	316.
35.4	91.8	9868.2	275.0	-49.1	-59.9	270.7	36.6	36.6	-0.4	322.5	322.5	99.9	98.9	22.8	316.
37.7	96.2	10489.2	250.0	-52.6	-59.9	269.6	38.2	38.2	0.3	324.2	324.2	99.9	98.9	26.7	316.
40.1	100.8	11155.0	225.0	-55.6	-59.9	271.2	43.7	43.7	-0.9	327.9	327.9	99.9	98.9	32.0	316.
42.7	105.8	11913.1	200.0	-58.6	-59.9	272.5	43.7	43.7	-1.8	333.2	333.2	99.9	98.9	37.5	316.
45.5	111.2	12732.5	175.0	-54.0	-59.9	274.0	36.6	36.6	-2.6	343.2	343.2	99.9	98.9	44.3	316.
48.5	117.0	13749.7	150.0	-55.7	-59.9	274.0	37.5	37.5	-1.2	360.6	360.6	99.9	98.9	50.5	316.
51.9	123.5	14902.8	125.0	-58.6	-59.9	268.2	33.7	33.7	-2.7	374.0	374.0	99.9	98.9	56.9	316.
55.7	131.0	16287.5	100.0	-61.8	-59.9	273.5	23.1	23.1	-1.4	388.9	388.9	99.9	98.9	64.7	316.
58.0	139.3	18059.7	75.0	-61.4	-59.9	283.1	13.3	12.9	-3.0	408.4	408.4	99.9	98.9	70.6	316.
60.0	149.0	20549.5	50.0	-60.7	-59.9	249.2	3.4	3.2	-1.2	444.2	444.2	99.9	98.9	78.9	316.
80.4	159.3	24938.6	25.0	-53.6	-59.9	99.9	99.9	99.9	99.9	501.5	501.5	99.9	98.9	80.1	316.
										631.0	631.0			79.0	316.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 6  
ABILENE, TEXAS  
27 MARCH 1962  
1150 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PC	RANGE KM	AZ DG
0.0	11.2	531.9	954.6	5.7	4.5	120.0	5.5	-4.8	2.7	282.6	298.9	5.5	52.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.5	571.4	950.0	5.2	99.9	124.2	6.7	-5.6	3.8	282.5	999.9	99.9	99.9	0.1	327.0
1.1	12.9	788.1	925.0	3.1	99.9	133.5	8.9	-5.0	4.8	282.5	999.9	99.9	99.9	0.5	304.0
2.1	18.3	1009.4	900.0	1.9	99.9	148.0	8.1	-4.2	6.8	282.5	999.9	99.9	99.9	0.9	312.0
2.9	18.6	1236.0	875.0	1.8	99.9	180.3	9.6	0.1	9.6	285.7	999.9	99.9	99.9	1.3	322.0
3.8	21.0	1469.8	850.0	3.5	99.9	205.7	12.5	5.4	11.3	288.8	999.9	99.9	99.9	1.7	328.0
4.7	23.4	1712.0	825.0	3.4	2.0	219.9	16.9	10.9	13.0	292.2	999.9	99.9	99.9	2.2	335.0
5.6	25.8	1962.5	800.0	4.1	2.6	233.6	17.1	13.8	10.2	295.6	999.9	99.9	99.9	3.0	10.0
6.6	28.3	2220.6	775.0	2.7	2.0	263.0	13.5	13.4	1.6	296.7	999.9	99.9	99.9	3.5	22.0
7.6	30.8	2485.7	750.0	1.4	-0.3	274.8	11.4	13.0	-1.1	298.1	999.9	99.9	99.9	3.9	23.0
8.6	33.3	2758.7	725.0	0.3	-0.9	275.5	11.4	11.4	-1.1	299.8	999.9	99.9	99.9	4.3	43.0
9.6	35.8	3039.6	700.0	-1.4	-2.6	269.7	12.5	12.5	0.1	300.9	999.9	99.9	99.9	4.7	49.0
10.5	38.4	3328.4	675.0	-3.5*	99.9	282.3	15.0	14.8	2.0	301.8	999.9	99.9	99.9	5.3	53.0
11.4	41.1	3625.8	650.0	-5.5	-8.1	281.4	15.1	15.0	2.3	302.8	999.9	99.9	99.9	5.7	57.0
13.0	43.8	3932.6	625.0	-8.0	-11.9	257.8	16.6	16.2	3.5	303.3	999.9	99.9	99.9	6.1	61.0
14.2	46.6	4248.9	600.0	-10.3	-12.1	254.4	18.0	17.4	4.8	304.2	999.9	99.9	99.9	6.4	64.0
15.4	49.3	4575.6	575.0	-13.0	-17.8	254.7	17.4	16.9	4.6	304.8	999.9	99.9	99.9	6.7	67.0
17.0	52.2	4913.3	550.0	-14.8	-41.5	259.2	22.3	21.9	4.2	306.5	999.9	99.9	99.9	7.3	69.0
18.3	55.1	5284.5	525.0	-15.5	-48.5	262.8	27.4	27.1	3.4	309.8	999.9	99.9	99.9	8.3	71.0
19.9	58.1	5632.4	500.0	-15.8	-49.5	263.6	32.4	32.2	3.6	313.8	999.9	99.9	99.9	9.3	74.0
21.5	61.1	6018.5	475.0	-16.9	-51.9	268.1	34.7	34.7	1.2	317.0	999.9	99.9	99.9	10.1	76.0
23.1	64.3	6422.6	450.0	-19.3	-53.9	270.7	33.7	33.7	-0.4	319.0	999.9	99.9	99.9	10.5	78.0
24.7	67.5	6845.9	425.0	-21.7	-55.3	267.2	35.1	35.1	1.7	322.7	999.9	99.9	99.9	10.9	79.0
26.4	70.9	7289.0	400.0	-24.8	-54.3	269.8	35.5	35.5	0.1	324.6	999.9	99.9	99.9	11.3	81.0
28.3	74.3	7755.7	375.0	-28.0	-56.6	272.9	45.2	45.2	-2.3	327.7	999.9	99.9	99.9	11.7	83.0
30.2	77.9	8248.0	350.0	-31.3	-58.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	12.1	85.0
32.4	81.6	99.9	325.0	99.9*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	12.5	87.0
35.1	85.5	99.9	300.0	99.9*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	12.9	89.0
37.5	89.5	99.9	275.0	-43.1*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	13.3	91.0
39.9	93.8	99.9	250.0	-47.7*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	13.7	93.0
42.7	98.3	99.9	225.0	-52.2*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	14.1	95.0
45.5	103.2	99.9	200.0	-55.5*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	14.5	97.0
49.1	108.6	99.9	175.0	-57.3	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	14.9	99.0
52.8	114.4	99.9	150.0	-60.4*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	15.3	101.0
57.6	121.0	99.9	125.0	-60.9*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	15.7	103.0
62.6	128.3	99.9	100.0	-60.7*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	16.1	105.0
68.8	137.3	99.9	75.0	-60.9*	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	16.5	107.0
77.5	147.5	99.9	50.0	-58.7	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	16.9	109.0
91.4	158.5	99.9	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	325.2	999.9	99.9	99.9	17.3	111.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 6  
ABILENE, TEXAS  
27 MARCH 1982  
1415 GMT

144 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	531.9	956.3	5.8	5.2	120.0	4.5	-3.9	2.2	282.5	297.5	5.8	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.2	586.0	975.0	5.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	13.6	802.8	950.0	3.3	99.9	135.2	6.1	-4.3	4.3	282.5	999.9	99.9	99.9	0.3	294.
1.7	16.0	1023.8	925.0	1.9	99.9	136.1	6.8	-4.7	4.9	282.7	999.9	99.9	99.9	0.4	300.
2.5	18.4	1250.8	900.0	2.1	99.9	146.2	8.6	-4.5	7.3	283.5	999.9	99.9	99.9	0.6	309.
3.4	20.9	1484.4	875.0	2.4	99.9	181.1	10.3	0.2	10.3	285.9	999.9	99.9	99.9	1.2	321.
4.2	23.3	1725.4	850.0	2.9	99.9	212.0	11.0	5.6	9.7	288.8	999.9	99.9	99.9	1.5	338.
5.1	25.8	1973.9	825.0	2.9	99.9	233.6	11.4	9.2	6.7	291.0	999.9	99.9	99.9	1.9	355.
6.0	28.3	2231.0	800.0	3.1	99.9	267.1	10.8	10.8	0.5	294.2	999.9	99.9	99.9	2.1	11.
6.9	30.8	2495.7	775.0	1.0	99.9	284.2	9.9	9.6	-2.4	297.1	999.9	99.9	99.9	2.2	26.
7.8	33.4	2767.7	750.0	-0.2	99.9	284.9	7.5	7.2	-1.9	298.4	999.9	99.9	99.9	2.3	38.
8.9	36.1	3047.2	725.0	-2.0	99.9	280.9	5.9	5.8	0.2	299.2	999.9	99.9	99.9	2.5	46.
10.0	38.7	3335.2	700.0	-3.6	99.9	268.4	7.2	7.2	0.9	300.3	999.9	99.9	99.9	2.8	51.
11.0	41.3	3632.4	675.0	-7.0	99.9	264.9	10.4	13.7	0.9	301.7	999.9	99.9	99.9	3.3	57.
12.2	44.0	3939.3	650.0	-15.7	99.9	265.4	13.7	14.8	0.9	303.2	999.9	99.9	99.9	3.9	62.
13.2	46.8	4256.2	625.0	-22.2	99.9	265.4	14.8	14.8	0.9	305.0	999.9	99.9	99.9	4.9	67.
14.2	49.6	4582.9	600.0	-27.4	99.9	289.5	15.1	15.1	0.1	308.3	999.9	99.9	99.9	5.7	70.
15.4	52.4	4920.6	575.0	-35.0	99.9	271.8	18.9	18.9	-0.6	303.6	999.9	99.9	99.9	6.6	72.
16.7	55.3	5270.7	550.0	-44.3	99.9	274.0	27.4	27.3	-1.9	303.1	999.9	99.9	99.9	7.6	75.
18.1	58.3	5639.9	500.0	-57.9	99.9	271.1	34.6	34.6	-0.6	316.1	999.9	99.9	99.9	9.3	78.
19.5	61.4	6028.2	475.0	-68.9	99.9	270.5	34.6	34.6	-0.3	316.6	999.9	99.9	99.9	11.9	82.
20.9	64.5	6433.5	450.0	-78.9	99.9	271.3	33.6	33.6	-0.3	319.5	999.9	99.9	99.9	14.9	85.
22.4	67.8	6856.3	425.0	-88.9	99.9	266.8	35.6	35.6	-0.3	320.6	999.9	99.9	99.9	17.9	85.
24.1	71.1	7299.9	400.0	-98.9	99.9	268.0	38.6	38.6	2.0	323.4	999.9	99.9	99.9	20.8	85.
25.8	74.5	7757.5	375.0	-108.9	99.9	268.0	38.6	38.6	2.0	323.4	999.9	99.9	99.9	24.5	85.
27.2	78.0	8260.2	350.0	-118.9	99.9	273.5	42.6	42.6	-2.6	326.4	999.9	99.9	99.9	28.5	85.
29.1	81.7	8781.4	325.0	-128.9	99.9	272.8	49.2	49.2	-2.4	328.5	999.9	99.9	99.9	32.5	87.
31.1	85.5	9334.7	300.0	-138.9	99.9	271.8	53.3	53.3	-1.6	328.4	999.9	99.9	99.9	38.3	88.
33.3	89.7	9924.5	275.0	-148.9	99.9	273.0	51.2	51.1	-2.6	330.2	999.9	99.9	99.9	45.0	89.
35.6	93.8	10558.4	250.0	-158.9	99.9	273.2	52.1	52.0	-2.9	331.9	999.9	99.9	99.9	51.1	89.
37.9	98.2	11241.7	225.0	-168.9	99.9	279.1	60.9	60.1	-9.7	333.4	999.9	99.9	99.9	59.0	90.
40.5	103.0	12445.4	200.0	-178.9	99.9	282.8	58.9	51.5	-11.7	335.4	999.9	99.9	99.9	67.3	91.
43.2	108.0	13812.9	175.0	-188.9	99.9	275.5	48.4	47.8	-7.1	337.0	999.9	99.9	99.9	74.6	93.
46.8	113.7	14943.7	150.0	-198.9	99.9	277.3	41.8	41.4	-4.7	338.5	999.9	99.9	99.9	84.6	94.
50.8	119.7	16325.7	125.0	-208.9	99.9	290.3	32.3	30.3	-5.3	343.5	999.9	99.9	99.9	93.1	94.
55.4	126.5	18090.7	100.0	-218.9	99.9	301.9	12.6	10.7	-11.2	406.9	999.9	99.9	99.9	102.9	94.
61.5	134.0	20800.0	75.0	-228.9	99.9	288.1	17.2	16.3	-6.7	426.7	999.9	99.9	99.9	118.6	95.
69.6	142.3	25017.9	50.0	-238.9	99.9	999.9	99.9	99.9	-5.3	505.9	999.9	99.9	99.9	121.4	97.
81.7	151.3	25017.9	25.0	-248.9	99.9	999.9	99.9	99.9	99.9	635.7	999.9	99.9	99.9	999.9	999.9

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ORIGINAL PAGE IS  
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STATION NO. 6  
ABILENE, TEXAS  
27 MARCH 1982  
1730 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX ZTD GM/AG	2H PCT	RANGE NM	AZ DG
0.0	11.0	531.9	957.0	7.2	5.4	120.0	8.7	-5.3	3.3	224.0	299.2	5.9	83.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.7	522.3	950.0	6.7*	99.9	99.9	99.9	99.9	99.9	284.0	999.9	99.9	999.9	999.9	999.9
0.9	14.1	800.1	925.0	4.6*	99.9	999.9	99.9	99.9	99.9	284.0	999.9	99.9	999.9	999.9	999.9
1.7	16.5	1032.2	900.0	2.4*	99.9	999.9	99.9	99.9	99.9	285.7	999.9	99.9	999.9	999.9	999.9
2.0	18.8	1259.1	875.0	1.2*	99.9	999.9	99.9	99.9	99.9	288.7	999.9	99.9	999.9	999.9	999.9
2.5	21.2	1492.9	850.0	2.5	99.9	999.9	99.9	99.9	99.9	292.2	999.9	99.9	999.9	999.9	999.9
3.2	23.2	1732.8	825.0	1.5	0.4	999.9	99.9	99.9	99.9	295.8	999.9	99.9	999.9	999.9	999.9
3.3	25.2	1982.0	800.0	1.0	0.4	999.9	99.9	99.9	99.9	299.4	999.9	99.9	999.9	999.9	999.9
3.4	28.8	2232.0	775.0	1.6	-2.0	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
7.4	32.9	2502.6	750.0	1.3	-1.2	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
8.8	35.4	2774.8	725.0	-0.2	-2.4	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
9.8	38.4	3054.8	700.0	-2.0	-4.2	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
11.0	39.1	3243.2	675.0	-3.9	-5.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
12.2	41.8	3440.1	650.0	-8.0	-11.6	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
12.5	44.5	3645.2	625.0	-7.7	-24.4	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
14.7	47.2	4252.9	600.0	-9.2	-32.7	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
15.1	50.1	4590.4	575.0	-11.5	-33.7	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
17.5	52.0	4920.2	550.0	-12.7	-38.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
19.0	55.9	5234.1	525.0	-12.7	-38.4	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
20.7	58.9	5535.9	500.0	-13.2	-39.1	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
22.2	62.0	5844.5	475.0	-15.8	-42.3	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
23.6	65.1	6149.1	450.0	-19.5	-44.5	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
25.4	68.4	6449.1	425.0	-22.7	-47.1	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
27.2	71.9	6777.9	400.0	-28.0	-49.2	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
28.3	75.3	7113.2	375.0	-31.8	-51.2	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
30.5	79.0	7488.1	350.0	-35.7	-54.0	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
32.1	82.9	7893.0	325.0	-39.7	-57.2	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
34.1	87.0	8329.7	300.0	-43.6	-59.8	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
36.2	91.2	8829.8	275.0	-47.9	-63.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
38.2	95.7	9384.2	250.0	-52.1	-68.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
40.2	100.4	10000.0	225.0	-57.2	-74.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
42.9	105.5	10600.0	200.0	-62.5	-80.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
45.5	111.0	11250.0	175.0	-67.8	-86.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
48.2	117.0	11950.0	150.0	-73.1	-92.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
51.8	123.0	12700.0	125.0	-78.4	-98.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
55.5	129.0	13500.0	100.0	-83.7	-104.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
60.1	135.0	14350.0	75.0	-89.0	-110.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
67.1	143.5	15300.0	50.0	-94.3	-116.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-122.9	307.2	5.1	3.2	-4.0	295.8	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 6  
ABILENE, TEXAS  
27 MARCH 1982  
2040 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	531.9	957.0	6.8	5.0	999.9	99.9	99.9	99.9	283.5	298.3	5.7	88.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	11.3	592.2	950.0	6.1	99.9	999.9	99.9	99.9	99.9	283.4	298.3	99.9	99.9	999.9	999.9
1.0	13.6	809.7	925.0	3.9	3.3	999.9	99.9	99.9	99.9	283.3	298.3	5.3	96.3	999.9	999.9
2.0	15.9	1032.0	900.0	2.3	1.8	999.9	99.9	99.9	99.9	283.9	298.6	4.8	96.0	999.9	999.9
2.8	18.3	1259.9	875.0	2.6	2.0	999.9	99.9	99.9	99.9	286.5	299.9	5.1	96.1	999.9	999.9
3.7	20.7	1495.2	850.0	3.4	2.9	999.9	99.9	99.9	99.9	289.7	304.5	5.6	95.9	999.9	999.9
4.6	23.1	1737.5	825.0	2.5	1.9	999.9	99.9	99.9	99.9	291.3	305.2	5.3	95.9	999.9	999.9
5.5	25.6	1986.8	800.0	3.4	-3.4	999.9	99.9	99.9	99.9	294.7	305.2	3.8	95.9	999.9	999.9
6.5	28.1	2244.8	775.0	3.4	-5.3	999.9	99.9	99.9	99.9	297.5	305.2	3.3	95.9	999.9	999.9
7.5	30.6	2510.4	750.0	1.8	-6.8	999.9	99.9	99.9	99.9	298.6	307.4	3.1	95.9	999.9	999.9
8.6	33.2	2783.2	725.0	0.9	-8.8	999.9	99.9	99.9	99.9	300.4	307.4	1.0	95.9	999.9	999.9
9.6	35.8	3064.0	700.0	-1.1	-21.6	999.9	99.9	99.9	99.9	301.3	307.4	0.7	95.9	999.9	999.9
10.6	38.5	3352.8	675.0	-3.5	-22.9	999.9	99.9	99.9	99.9	303.2	307.4	0.9	95.9	999.9	999.9
11.9	41.2	3649.9	650.0	-5.1	-34.1	999.9	99.9	99.9	99.9	304.6	307.4	0.4	95.9	999.9	999.9
13.1	43.7	3957.0	625.0	-6.9	-50.7	999.9	99.9	99.9	99.9	308.1	308.3	0.1	95.9	999.9	999.9
14.3	46.6	4275.1	600.0	-7.0	-50.2	999.9	99.9	99.9	99.9	309.6	310.1	0.2	95.9	999.9	999.9
15.5	49.3	4605.9	575.0	-8.9	-42.6	999.9	99.9	99.9	99.9	311.4	311.7	0.1	95.9	999.9	999.9
16.9	52.1	4949.0	550.0	-10.7	-48.6	999.9	99.9	99.9	99.9	312.6	312.6	0.1	95.9	999.9	999.9
18.2	55.1	5305.0	525.0	-13.2	-52.5	999.9	99.9	99.9	99.9	315.1	315.3	0.0	95.9	999.9	999.9
19.5	58.1	5675.2	500.0	-14.7	-55.3	999.9	99.9	99.9	99.9	317.6	317.7	0.0	95.9	999.9	999.9
20.9	61.1	6062.3	475.0	-16.5	-57.3	999.9	99.9	99.9	99.9	318.8	318.9	0.0	95.9	999.9	999.9
22.3	64.3	6468.7	450.0	-19.5	-60.5	999.9	99.9	99.9	99.9	320.0	320.1	0.0	95.9	999.9	999.9
24.0	67.6	6889.0	425.0	-22.6	-63.5	999.9	99.9	99.9	99.9	320.7	320.8	0.0	95.9	999.9	999.9
25.5	71.0	7330.1	400.0	-26.4	-65.5	999.9	99.9	99.9	99.9	323.4	323.5	0.0	95.9	999.9	999.9
27.1	74.6	7794.1	375.0	-28.9	-67.9	999.9	99.9	99.9	99.9	325.1	325.2	0.0	95.9	999.9	999.9
28.8	78.3	8284.6	350.0	-32.4	-69.9	999.9	99.9	99.9	99.9	326.3	326.3	0.0	95.9	999.9	999.9
30.6	82.2	8802.9	325.0	-36.6	-73.9	999.9	99.9	99.9	99.9	327.2	327.2	0.0	95.9	999.9	999.9
32.4	86.2	9351.7	300.0	-41.3	-78.9	999.9	99.9	99.9	99.9	328.2	328.2	0.0	95.9	999.9	999.9
34.4	90.3	9938.1	275.0	-44.8	-83.9	999.9	99.9	99.9	99.9	329.2	329.2	0.0	95.9	999.9	999.9
36.5	94.8	10589.4	250.0	-48.7	-88.9	999.9	99.9	99.9	99.9	330.6	330.6	0.0	95.9	999.9	999.9
38.7	99.6	11254.5	225.0	-53.7	-93.9	999.9	99.9	99.9	99.9	332.2	332.2	0.0	95.9	999.9	999.9
41.3	104.4	12006.5	200.0	-59.9	-99.9	999.9	99.9	99.9	99.9	334.2	334.2	0.0	95.9	999.9	999.9
44.0	109.8	12865.5	175.0	-54.7	-99.9	999.9	99.9	99.9	99.9	336.2	336.2	0.0	95.9	999.9	999.9
46.7	115.4	13843.6	150.0	-59.1	-99.9	999.9	99.9	99.9	99.9	338.2	338.2	0.0	95.9	999.9	999.9
50.0	121.5	14979.9	125.0	-61.8	-99.9	999.9	99.9	99.9	99.9	340.2	340.2	0.0	95.9	999.9	999.9
54.1	128.3	16362.8	100.0	-60.6	-99.9	999.9	99.9	99.9	99.9	342.7	342.7	0.0	95.9	999.9	999.9
59.3	136.0	18133.2	75.0	-58.9	-99.9	999.9	99.9	99.9	99.9	345.2	345.2	0.0	95.9	999.9	999.9
66.7	144.3	20631.7	50.0	-59.7	-99.9	999.9	99.9	99.9	99.9	347.6	347.6	0.0	95.9	999.9	999.9
80.0	153.2	25072.7	25.0	-52.2	-99.9	999.9	99.9	99.9	99.9	352.6	352.6	0.0	95.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 6  
ABILENE, TEXAS  
27 MARCH 1982  
2302 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	153	10. 0	RANGE NM	AZ DG
0.0	11.0	531.9	957.7	5.4	3.9	100.0	6.7	-6.9	1.2	282.0	295.7	5.3	90.0		0.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		999.9	999.9	999.9
0.9	11.7	597.9	950.0	4.8*	99.9	99.9	99.9	99.9	99.9	282.0	999.9	99.9	99.9		999.9	999.9	999.9
0.9	14.1	814.1	925.0	2.6*	99.9	99.9	99.9	99.9	99.9	282.0	999.9	99.9	99.9		999.9	999.9	999.9
1.7	16.5	1034.8	900.0	0.9*	99.9	99.9	99.9	99.9	99.9	282.5	999.9	99.9	99.9		999.9	999.9	999.9
2.6	18.9	1261.1	875.0	0.7*	99.9	99.9	99.9	99.9	99.9	284.6	999.9	99.9	99.9		999.9	999.9	999.9
3.3	21.3	1495.3	850.0	0.9	2.2	46.5	2.7	-1.9	-1.8	296.2	999.9	99.9	99.9		999.9	999.9	999.9
4.3	23.7	1737.0	825.0	1.7	1.1	39.1	3.7	-2.4	-2.9	289.2	999.9	99.9	99.9		999.9	999.9	999.9
5.3	26.2	1984.6	800.0	0.2	-0.5	99.9	99.9	99.9	99.9	290.4	999.9	99.9	99.9		999.9	999.9	999.9
6.3	28.7	2239.9	775.0	1.7	99.9	99.9	99.9	99.9	99.9	291.3	999.9	99.9	99.9		999.9	999.9	999.9
7.2	31.2	2504.5	725.0	0.6*	99.9	99.9	99.9	99.9	99.9	295.7	999.9	99.9	99.9		999.9	999.9	999.9
8.0	33.6	2777.1	700.0	0.6*	99.9	99.9	99.9	99.9	99.9	300.2	999.9	99.9	99.9		999.9	999.9	999.9
9.2	36.4	3057.3	675.0	-2.0	-20.5	99.9	99.9	99.9	99.9	300.2	999.9	99.9	99.9		999.9	999.9	999.9
10.3	39.0	3345.3	650.0	-3.7	-24.8	99.9	99.9	99.9	99.9	301.6	999.9	99.9	99.9		999.9	999.9	999.9
11.5	41.7	3642.5	625.0	-5.4	-30.1	290.5	11.9	11.7	-4.2	302.9	999.9	99.9	99.9		999.9	999.9	999.9
12.8	44.4	3949.3	600.0	-8.5	-30.1	291.6	12.6	12.7	-4.6	305.0	999.9	99.9	99.9		999.9	999.9	999.9
14.2	47.2	4268.0	575.0	-8.9	-42.2	292.4	13.7	12.7	-5.2	308.6	999.9	99.9	99.9		999.9	999.9	999.9
15.6	50.0	4598.8	550.0	-10.2	-44.9	291.4	13.6	12.6	-4.9	310.2	999.9	99.9	99.9		999.9	999.9	999.9
16.9	52.9	4942.3	525.0	-13.1	-46.0	289.6	12.9	12.2	-4.3	312.0	999.9	99.9	99.9		999.9	999.9	999.9
18.3	55.9	5298.6	500.0	-14.9	-48.4	290.4	13.7	12.7	-5.1	312.7	999.9	99.9	99.9		999.9	999.9	999.9
19.8	58.9	5666.9	475.0	-17.1	-51.5	290.4	18.1	16.9	-6.3	314.8	999.9	99.9	99.9		999.9	999.9	999.9
21.4	62.0	6055.0	450.0	-20.2	-52.7	286.4	23.9	23.0	-6.8	316.8	999.9	99.9	99.9		999.9	999.9	999.9
22.9	65.3	6458.5	425.0	-23.0	-55.2	284.4	25.9	25.1	-6.5	318.0	999.9	99.9	99.9		999.9	999.9	999.9
24.6	68.5	6879.8	400.0	-26.3	-58.8	282.9	27.9	27.2	-6.2	319.7	999.9	99.9	99.9		999.9	999.9	999.9
26.2	71.8	7320.9	375.0	-28.6	-57.4	280.8	29.9	29.4	-5.6	320.8	999.9	99.9	99.9		999.9	999.9	999.9
27.9	75.2	7784.9	350.0	-32.7	-59.1	283.6	33.1	32.2	-7.8	323.5	999.9	99.9	99.9		999.9	999.9	999.9
29.8	78.9	8274.6	325.0	-36.7	-61.2	281.1	36.4	35.7	-7.0	324.7	999.9	99.9	99.9		999.9	999.9	999.9
31.8	82.6	8792.8	300.0	-41.3	-64.5	274.7	41.1	40.9	-3.4	326.1	999.9	99.9	99.9		999.9	999.9	999.9
33.8	86.5	9341.3	275.0	-45.0	-69.9	270.4	48.2	48.1	-0.4	327.2	999.9	99.9	99.9		999.9	999.9	999.9
36.0	90.7	9927.3	250.0	-49.7	-74.9	269.9	49.8	49.8	0.1	330.0	999.9	99.9	99.9		999.9	999.9	999.9
38.3	95.0	10527.9	225.0	-54.6	-79.9	272.8	51.1	51.1	-2.5	332.3	999.9	99.9	99.9		999.9	999.9	999.9
40.8	99.8	11240.4	200.0	-57.1	-84.6	272.1	60.3*	60.3	-2.2	334.9	999.9	99.9	99.9		999.9	999.9	999.9
43.6	104.6	11988.2	175.0	-55.6	-89.9	271.8	59.1*	59.1	-1.8	342.3	999.9	99.9	99.9		999.9	999.9	999.9
46.8	109.8	12836.6	150.0	-58.9	-94.9	268.7	58.2*	58.2	-0.9	358.2	999.9	99.9	99.9		999.9	999.9	999.9
50.6	115.7	13817.4	125.0	-62.2	-99.9	275.3	45.4*	44.8	-7.3	372.1	999.9	99.9	99.9		999.9	999.9	999.9
54.5	122.0	14958.0	100.0	-63.7	-99.9	266.6	32.6*	32.6	-2.0	382.4	999.9	99.9	99.9		999.9	999.9	999.9
58.4	129.3	16334.0	75.0	-65.9	-99.9	287.7	21.2*	20.2	-6.4	404.6	999.9	99.9	99.9		999.9	999.9	999.9
64.7	137.7	18098.8	50.0	-60.3	-99.9	284.6	19.0*	18.4	-4.8	434.8	999.9	99.9	99.9		999.9	999.9	999.9
73.0	147.3	20586.4	25.0	-53.7	-99.9	280.2	11.9*	11.7	-2.0	501.4	999.9	99.9	99.9		999.9	999.9	999.9
86.2	157.3	25004.9	25.0			999.9	99.9	99.9	99.9	630.6	999.9	99.9	99.9		999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 6  
ABILENE, TEXAS  
28 MARCH 1982  
300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	531.9	961.1	4.2	3.2	60.0	6.7	-5.8	-3.3	280.5	293.4	5.0	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	11.0	626.4	950.0	4.2	99.9	99.9	99.9	99.9	99.9	281.4	99.9	99.9	99.9	99.9	99.9
1.2	13.4	842.0	925.0	1.7	99.9	99.9	99.9	99.9	99.9	281.1	99.9	99.9	99.9	99.9	99.9
1.9	15.7	1062.2	900.0	0.6	99.9	99.9	99.9	99.9	99.9	282.1	99.9	99.9	99.9	99.9	99.9
2.6	18.2	1288.1	875.0	0.4	-0.2	113.6	7.4	-6.8	3.0	282.2	99.9	99.9	99.9	99.9	99.9
3.7	20.5	1522.1	850.0	1.7	1.3	91.0	5.2	-5.2	0.1	288.0	301.1	4.9	96.7	1.7	277.
4.6	22.9	1763.0	825.0	1.4	0.9	23.4	4.2	-1.7	-3.9	290.1	307.0	4.9	96.9	2.0	280.
5.7	25.4	2011.6	800.0	2.6	0.0	321.4	8.4	5.3	-6.8	293.9	307.0	4.8	96.9	1.9	288.
6.7	27.9	2269.7	775.0	4.2	-1.9	298.1	10.4	10.4	-5.1	298.3	310.3	4.3	96.9	1.4	292.
7.6	30.4	2536.6	750.0	2.3	-3.9	293.3	11.6	12.9	-5.6	299.0	309.9	3.8	96.9	1.0	293.
8.8	33.0	2809.9	725.0	0.2	-5.1	297.5	16.4	14.6	-7.6	299.7	310.0	3.6	96.9	1.2	165.
9.8	35.6	3090.6	700.0	-1.0	-5.8	295.1	17.9	16.2	-7.6	300.7	311.0	3.6	96.9	1.3	145.
10.6	38.2	3379.1	675.0	-4.3	-7.8	292.8	16.8	15.5	-6.5	300.8	310.0	3.2	96.9	3.0	132.
11.8	40.8	3675.9	650.0	-5.8	-13.1	292.0	14.1	13.1	-5.3	302.7	309.1	2.1	96.9	4.0	128.
13.0	43.6	3983.1	625.0	-6.5	-19.2	290.1	12.2	11.4	-4.2	305.0	309.1	1.7	96.9	4.8	124.
14.3	46.4	4301.1	600.0	-8.0	-26.5	308.6	11.4	10.0	-6.3	308.9	311.5	0.7	96.9	5.8	123.
15.6	49.2	4631.7	575.0	-8.7	-30.9	308.6	11.4	9.1	-6.8	309.8	312.3	0.5	96.9	6.6	123.
16.9	52.1	4974.6	550.0	-11.1	-33.6	295.1	12.0	10.8	-5.2	310.9	312.2	0.4	96.9	7.5	123.
18.4	55.1	5329.6	525.0	-14.4	-36.0	292.1	12.2	11.3	-4.6	311.1	312.2	0.3	96.9	8.6	122.
19.8	58.1	5698.0	500.0	-16.7	-38.3	288.3	15.4	14.6	-4.8	312.7	313.7	0.2	96.9	9.7	120.
21.3	61.3	6082.1	475.0	-18.7	-40.1	282.4	18.6	18.2	-4.0	314.8	315.7	0.2	96.9	11.2	118.
22.7	64.3	6483.2	450.0	-21.2	-42.3	279.2	20.7	20.5	-3.3	316.6	317.4	0.2	96.9	12.8	116.
24.3	67.5	6902.4	425.0	-24.6	-44.9	281.9	21.5	21.0	-4.4	317.5	318.1	0.2	96.9	14.7	114.
25.9	70.9	7340.2	400.0	-28.4	-48.1	277.2	24.4	24.2	-3.1	318.0	318.5	0.1	96.9	16.9	112.
27.9	74.0	7799.7	375.0	-31.8	-50.5	272.7	24.5	24.5	-1.1	319.6	319.9	0.1	96.9	19.7	110.
29.8	78.0	8283.9	350.0	-35.5	-53.5	271.1	25.2	25.2	-0.5	320.9	321.2	0.1	96.9	22.3	107.
31.9	81.7	8796.6	325.0	-38.9	-56.4	271.9	32.1	32.1	-1.1	323.0	323.2	0.1	96.9	25.7	105.
33.9	85.6	9340.9	300.0	-42.9	-59.9	268.0	39.1	39.0	1.3	324.9	324.9	99.9	99.9	30.0	103.
36.1	89.7	9922.9	275.0	-46.8	-63.9	264.3	46.0	45.9	3.5	327.4	327.4	99.9	99.9	35.5	100.
38.6	94.0	10547.4	250.0	-51.6	-68.9	264.3	46.8	46.6	4.7	329.4	329.4	99.9	99.9	42.3	98.
41.2	98.6	11223.3	225.0	-56.2	-73.9	265.4	44.8	44.6	3.6	332.4	332.4	99.9	99.9	49.7	95.
44.2	103.6	11989.3	200.0	-58.2	-78.9	265.0	45.3	45.3	0.8	334.7	334.7	99.9	99.9	57.7	95.
47.4	109.0	12820.3	175.0	-55.2	-83.9	270.5	41.0	41.0	-0.4	338.8	338.8	99.9	99.9	65.1	94.
50.9	114.7	13804.2	150.0	-56.4	-88.9	268.7	35.4*	35.3	0.8	342.9	342.9	99.9	99.9	74.1	94.
55.0	121.3	14946.9	125.0	-61.2	-93.9	263.4	31.8*	31.6	0.7	348.1	348.1	99.9	99.9	81.7	93.
59.4	128.7	16330.4	100.0	-62.8	-99.9	280.2	22.4*	22.0	-4.0	408.4	408.4	99.9	99.9	88.8	93.
65.2	137.3	18096.7	75.0	-62.7	-99.9	261.4	10.7*	10.6	-1.6	441.5	441.5	99.9	99.9	94.8	94.
73.8	147.5	20583.3	50.0	-60.7	-99.9	309.4	7.2	5.6	-4.6	500.8	500.8	99.9	99.9	98.8	94.
88.6	158.5	24982.7	25.0	-53.1	-99.9	173.3	5.3	-0.6	5.3	632.1	632.1	99.9	99.9	97.4	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

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OF POOR QUALITY

STATION NO. 6  
ABILENE, TEXAS  
28 MARCH 1982  
510 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	10.1	531.9	961.7	3.6	2.6	60.0	7.5	-6.5	-3.7	279.9	292.2	4.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.3	631.1	950.0	2.6	99.9	99.9	99.9	99.9	99.9	279.8	99.9	99.9	99.9	99.9	99.9
1.3	13.7	846.2	925.0	1.0	0.1	99.9	99.9	99.9	99.9	280.4	281.2	4.2	93.8	0.0	0.8
2.1	16.1	1066.0	900.0	-0.3	-1.0	99.9	99.9	99.9	99.9	281.5	281.5	4.0	95.1	0.0	0.8
3.0	18.5	1291.8	875.0	0.6	-0.0	122.7	6.3	-5.3	3.4	284.5	286.0	4.4	95.3	1.3	288.
4.0	21.0	1525.8	850.0	2.4	1.7	84.7	4.4	-4.3	-0.4	288.6	302.2	5.1	95.7	1.6	290.
5.0	23.5	1766.7	825.0	0.6	-0.0	42.8	4.8	-3.2	-3.5	289.3	301.7	4.6	95.3	1.8	283.
5.9	26.1	2014.9	800.0	3.0	1.4	327.8	7.8	4.1	-6.6	294.4	309.0	5.4	95.7	1.8	275.
6.9	28.6	2273.2	775.0	4.8	-6.0	307.5	11.3	8.9	-6.9	298.9	308.0	3.2	45.5	1.3	259.
7.9	31.2	2539.6	750.0	3.0	-8.1	301.1	12.4	10.6	-6.4	299.9	307.9	2.8	43.6	1.0	230.
8.9	33.8	2813.6	725.0	0.9	-7.7	301.1	13.7	11.8	-7.1	300.5	309.0	3.0	52.5	1.1	184.
10.0	36.4	3094.7	700.0	-1.2	-9.5	296.2	15.6	14.2	-7.0	301.1	308.7	2.6	51.7	1.1	152.
11.0	39.1	3383.6	675.0	-3.8	-10.2	298.4	18.2	14.3	-7.7	301.6	309.3	2.6	50.2	2.6	138.
12.2	41.9	3681.1	650.0	-5.1	-21.9	303.8	14.8	12.3	-8.2	303.2	308.3	1.0	25.4	3.7	133.
13.3	44.6	3988.5	625.0	-6.5	-30.8	305.3	12.4	10.1	-7.2	305.1	308.6	0.5	12.4	4.5	132.
14.5	47.4	4307.2	600.0	-7.1	-50.0	306.4	11.3	9.1	-6.7	307.9	308.1	0.1	1.7	5.4	131.
15.6	50.3	4637.5	575.0	-9.2	-55.5	297.8	10.4	9.2	-4.8	309.2	309.4	0.0	1.0	6.1	130.
17.1	53.3	4980.2	550.0	-11.2	-57.0	294.5	10.7	9.7	-4.4	310.8	311.0	0.0	1.0	7.0	128.
18.4	56.4	5335.3	525.0	-14.1	-58.9	292.0	11.9	11.0	-4.4	311.4	311.5	0.0	1.0	8.8	126.
19.8	59.4	5703.4	500.0	-16.9	-60.7	284.9	14.3	13.8	-3.7	312.4	312.5	0.0	1.0	10.0	122.
21.1	62.5	6088.1	475.0	-19.7	-62.5	282.5	16.8	15.5	-4.1	313.6	313.6	0.0	1.0	11.7	119.
22.7	65.8	6485.3	450.0	-22.5	-64.3	279.2	20.0	19.5	-4.3	315.0	315.0	0.0	1.0	13.5	117.
24.3	69.1	6902.5	425.0	-25.4	-66.2	278.5	22.2	22.0	-3.4	318.3	318.3	0.0	1.0	15.3	114.
26.1	72.6	7339.1	400.0	-28.4	-68.7	272.9	24.8	24.7	-3.3	318.8	318.8	0.0	1.0	18.4	111.
28.0	76.0	7796.7	375.0	-32.5	-70.8	264.3	25.5	25.4	-1.3	319.1	319.1	0.0	1.0	21.4	108.
30.1	79.7	8278.5	350.0	-36.8	-73.7	263.4	26.6	26.4	2.5	320.2	320.2	99.9	99.9	24.5	105.
32.3	83.6	8787.1	325.0	-41.0	-76.9	261.7	28.4	28.3	3.0	321.7	321.7	99.9	99.9	27.8	102.
34.4	87.5	9326.7	300.0	-45.2	-80.9	255.7	30.7	30.6	1.6	323.0	323.0	99.9	99.9	31.0	100.
36.7	91.7	9903.8	275.0	-49.6	-84.9	250.5	33.7	33.7	1.1	324.7	324.7	99.9	99.9	34.8	98.
39.4	95.0	10527.2	250.0	-52.1	-88.9	248.5	42.6	42.5	-2.4	326.1	326.1	99.9	99.9	38.6	97.
42.2	100.6	11204.5	225.0	-55.1	-92.9	243.3	41.4	41.3	-2.4	328.7	328.7	99.9	99.9	42.4	95.
45.3	105.6	11955.5	200.0	-55.3	-96.9	243.8	39.4	39.3	-2.5	335.2	335.2	99.9	99.9	46.2	93.
48.6	111.0	12809.0	175.0	-55.4	-99.9	243.9	37.1	37.0	-2.5	345.5	345.5	99.9	99.9	50.0	91.
52.7	117.0	13740.3	150.0	-56.4	-99.9	243.5	34.8	34.8	0.3	357.0	357.0	99.9	99.9	53.8	88.
56.8	123.5	14940.3	125.0	-59.3	-99.9	243.5	34.8	34.8	0.3	405.0	405.0	99.9	99.9	57.5	85.
61.8	131.0	16327.3	100.0	-63.5	-99.9	243.5	18.3	15.9	-9.0	437.3	437.3	99.9	99.9	61.7	82.
67.9	139.5	18083.6	75.0	-64.7	-99.9	243.5	14.2	8.9	11.1	502.9	502.9	99.9	99.9	65.4	79.
76.4	149.3	20572.9	50.0	-59.7	-99.9	243.5	3.1	3.1	-5.5	530.1	530.1	99.9	99.9	69.1	76.
90.8	159.7	24962.0	25.0	-53.9	-99.9	217.5	5.2	3.2	4.1	630.1	630.1	99.9	99.9	72.8	73.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 7  
ENNIS, TEXAS  
27 MARCH 1982  
1119 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	149.7	1003.4	7.8	5.6	80.0	6.7	-6.6	-1.2	280.7	295.2	5.7	86.0	0.0	0.0
0.1	7.2	177.7	1000.0	7.0	5.0	88.3	8.7	-8.7	-0.3	280.2	294.2	5.5	87.4	0.1	338
0.9	9.6	384.7	975.0	3.8	2.9	108.1	13.3	-12.7	4.1	279.0	291.3	4.8	93.6	0.7	287
1.6	11.9	595.4	950.0	2.6	1.9	109.3	13.6	-12.9	4.5	278.9	291.7	4.6	94.6	1.3	288
2.4	14.3	810.7	925.0	0.9	0.1	112.9	15.0	-13.8	5.8	280.3	292.1	4.2	94.3	2.0	289
3.2	16.6	1020.9	900.0	0.1	-0.8	119.0	12.9	-11.3	6.3	281.6	292.1	4.0	93.7	2.7	290
4.0	19.0	1256.9	875.0	0.8	-0.0	146.6	8.5	-4.5	6.9	284.6	296.1	4.4	94.6	3.2	293
4.8	21.5	1490.6	850.0	0.9	0.1	184.6	7.5	0.6	7.5	287.1	299.2	4.6	94.3	3.4	298
5.7	23.9	1730.4	825.0	0.1	-0.7	202.9	6.6	2.6	6.1	288.7	300.6	4.4	94.1	3.5	304
6.5	26.4	1977.8	800.0	0.6	-0.3	227.1	10.1	7.4	6.9	291.8	304.5	4.7	93.5	3.5	310
7.3	28.9	2234.4	775.0	3.8	2.9	251.7	18.2	17.3	5.7	297.9	314.6	6.1	93.7	3.3	324
8.3	31.4	2501.1	750.0	2.8	1.9	257.5	18.8	18.4	4.1	299.6	315.8	5.9	93.6	3.0	342
9.3	34.0	2755.0	725.0	1.3	0.4	265.4	18.0	18.0	-0.6	300.8	318.0	5.4	93.7	3.0	2
10.2	36.6	3057.0	700.0	-0.7	-1.6	271.9	17.5	17.5	-0.6	301.8	318.5	4.9	93.7	3.2	20
11.1	39.1	3346.9	675.0	-2.8	-3.6	278.2	17.7	17.5	-2.5	302.5	319.9	4.3	93.9	3.2	35
12.3	41.8	3645.4	650.0	-4.8	-10.3	280.1	19.2	16.9	-3.4	303.5	311.5	2.7	93.8	4.3	51
13.3	44.6	3953.3	625.0	-6.0	-13.2	278.5	21.4	21.2	-3.2	305.5	312.2	2.2	93.9	5.2	61
14.4	47.3	4271.9	600.0	-7.8	-14.0	275.6	24.0	23.8	-3.3	307.1	313.6	2.2	93.9	6.4	69
15.6	50.1	4601.5	575.0	-10.4	-13.7	275.6	27.6	27.4	-2.7	307.8	314.8	2.2	93.9	8.1	75
16.7	53.0	4943.0	550.0	-11.8	-14.8	269.3	32.2	32.2	0.4	310.1	316.9	2.2	93.9	9.9	79
18.0	56.0	5298.4	525.0	-13.4	-15.7	262.7	34.8	34.5	0.4	312.4	319.0	2.1	93.9	12.6	80
19.2	59.0	5666.6	500.0	-15.3	-18.7	257.2	36.2	35.3	8.0	314.4	320.9	2.1	93.9	15.1	80
20.6	62.1	6054.4	475.0	-17.8	-21.0	258.3	38.6	38.0	7.4	316.0	321.9	0.6	93.9	18.1	80
22.0	65.3	6457.1	450.0	-19.9	-23.2	266.5	38.8	35.7	2.2	318.3	321.0	0.1	93.9	21.3	80
23.5	68.5	6879.6	425.0	-22.2	-26.8	272.7	37.1	36.2	-1.7	320.5	322.3	0.1	93.9	24.5	81
25.0	71.9	7322.5	400.0	-25.5	-29.4	272.2	36.2	36.2	-1.4	321.9	323.7	0.1	93.9	27.8	83
26.6	75.3	7787.0	375.0	-29.4	-36.1	269.6	40.9	40.9	0.3	323.6	329.9	0.3	93.9	31.2	84
28.2	78.9	8278.5	350.0	-30.1	-40.3	271.4	49.1	49.1	-1.2	328.1	329.9	0.5	93.9	35.7	84
29.9	82.7	8801.2	325.0	-34.8	-42.0	272.9	48.1	48.1	-2.4	328.7	328.8	0.3	93.9	40.5	85
31.6	86.6	9354.6	300.0	-38.5	-45.1	273.4	53.0	52.9	-3.2	329.7	328.9	99.9	93.9	45.6	86
33.9	90.7	9942.8	275.0	-45.1	-51.9	275.8	55.0*	54.7	-5.6	329.9	329.9	99.9	93.9	52.4	87
35.9	95.2	10571.6	250.0	-50.1	-58.9	280.4	51.9*	51.1	-9.4	329.9	329.9	99.9	93.9	59.3	89
38.1	99.8	11252.9	225.0	-55.0	-65.5	283.8	63.5*	61.7	-15.2	331.6	329.9	99.9	93.9	66.7	90
40.3	104.6	11993.9	200.0	-61.1	-71.9	285.5	61.8*	59.5	-16.5	336.0	329.9	99.9	93.9	75.2	92
43.0	110.0	12818.2	175.0	-62.4	-78.9	283.9	48.6*	47.1	-11.7	347.0	329.9	99.9	93.9	83.9	93
45.8	115.7	13766.7	150.0	-63.1*	-85.9	284.0	42.6*	41.3	-10.3	361.4	329.9	99.9	93.9	91.4	94
49.0	122.2	14888.8	125.0	-63.0*	-92.9	288.4	43.9*	42.1	-12.4	380.9	329.9	99.9	93.9	99.2	95
52.8	129.7	16268.7	100.0	-62.1*	-99.9	99.9	99.9	99.9	99.9	407.9	329.9	99.9	93.9	108.1	96
55.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	93.9	99.9	99.9
58.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	93.9	99.9	99.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	329.9	99.9	93.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7 ENNIS, TEXAS 27 MARCH 1982 1408 GMT														125	102.	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	6.8	149.7	1003.2	5.3	3.3	50.0	4.0	-3.1	-2.6	278.2	290.6	4.9	87.0	0.0	0.	
0.0	7.0	175.8	1000.0	5.3*	99.9	90.3	10.9	-10.9	-0.1	278.5	299.9	99.9	99.9	0.4	263.	
0.9	9.4	382.0	975.0	3.1	1.8	90.3	11.5	-11.5	0.1	278.2	289.7	4.5	91.5	0.6	265.	
1.7	11.8	592.0	950.0	1.1	0.4	94.4	13.7	-13.7	1.1	278.3	289.0	4.2	95.2	1.3	268.	
2.7	14.2	806.0	925.0	-0.6	-1.3	105.5	15.6	-15.0	4.2	278.3	288.5	3.6	95.0	2.1	272.	
3.4	16.5	1025.5	900.0	0.1	-0.5	122.0	14.0	-11.9	7.4	281.7	292.4	4.1	95.1	2.8	278.	
4.2	18.9	1252.2	875.0	0.7	0.7	135.5	9.5	-6.7	6.8	285.3	297.5	4.6	95.3	3.2	283.	
5.1	21.4	1486.0	850.0	1.4	0.7	162.0	6.1	-1.9	5.8	287.6	300.2	4.7	95.0	3.5	287.	
6.0	23.9	1726.2	825.0	0.3	-0.5	197.2	6.9	2.0	6.6	288.9	301.0	4.5	94.4	3.6	292.	
6.8	26.5	1973.3	800.0	0.5	-0.4	220.7	10.9	7.1	8.3	291.7	304.4	4.7	93.6	3.6	298.	
7.8	29.0	2239.8	775.0	3.9	3.0	242.3	17.6	15.6	8.2	298.0	314.9	6.1	93.7	3.3	312.	
8.7	31.6	2496.7	750.0	2.9	2.0	249.1	18.0	16.8	6.4	299.8	316.1	5.9	93.3	3.0	330.	
9.7	34.2	2771.0	725.0	1.3	0.3	256.2	17.7	17.2	4.2	300.9	316.3	5.4	92.9	3.0	349.	
10.6	36.9	3053.3	700.0	-0.3	-1.3	261.0	18.1	17.9	2.8	302.2	316.3	5.0	92.7	3.1	37.	
11.5	39.5	3345.0	675.0	-0.7	-4.6	264.9	17.6	17.5	1.6	304.9	319.4	5.1	93.6	3.5	24.	
12.6	42.2	3645.5	650.0	-3.6	-6.4	268.7	16.8	16.8	0.4	306.4	317.0	4.2	93.1	4.1	37.	
13.5	45.0	3954.8	625.0	-5.3	-8.8	272.7	17.0	17.0	-0.8	307.4	317.1	3.6	91.9	4.7	47.	
14.5	47.8	4274.4	600.0	-7.6	-10.9	269.1	18.0	18.0	0.3	309.1	317.9	3.3	90.6	5.5	54.	
15.6	50.7	4605.1	575.0	-9.3	-14.6	280.6	20.9	20.6	3.4	310.0	316.8	2.2	88.1	6.6	64.	
17.0	53.6	4947.3	550.0	-11.9	-18.9	286.8	26.2	25.5	5.8	309.3	312.1	0.9	80.0	10.9	67.	
18.4	56.6	5301.1	525.0	-15.9	-23.2	287.6	27.2	26.6	4.0	310.0	312.4	0.4	41.0	12.8	69.	
19.6	59.6	5666.5	500.0	-18.9	-26.1	261.4	26.6	26.3	3.0	311.5	315.5	0.2	17.0	14.8	71.	
20.9	62.9	6046.7	475.0	-21.4	-29.8	263.8	28.3	28.1	2.9	315.5	316.4	0.2	16.1	17.4	73.	
22.4	66.0	6444.6	450.0	-24.0	-32.4	264.9	33.2	33.1	1.5	318.3	319.0	0.2	15.9	20.1	75.	
23.8	69.4	6833.8	425.0	-26.7	-34.8	267.4	33.6	33.6	2.9	320.3	321.0	0.2	15.0	22.9	76.	
25.1	72.9	7304.1	400.0	-29.0	-37.9	265.4	38.4	38.3	3.8	323.1	323.0	99.9	99.9	26.0	77.	
26.5	76.3	7767.9	375.0	-31.7	-40.9	264.6	39.8	39.6	-0.6	325.0	325.0	99.9	99.9	30.2	78.	
28.2	80.0	8258.7	350.0	-35.7	-43.9	270.9	42.5	42.5	-3.1	327.5	327.5	99.9	99.9	34.6	81.	
29.9	83.8	8778.5	325.0	-39.4	-47.2	273.8	47.0	46.9	-1.8	329.9	329.9	99.9	99.9	39.8	82.	
31.7	87.7	9330.6	300.0	-43.5	-50.9	268.1	54.4	54.4	-0.6	332.3	332.3	99.9	99.9	45.9	83.	
33.4	91.8	9921.1	275.0	-47.2	-53.8	269.4	57.6	57.6	-2.6	333.0	333.0	99.9	99.9	52.3	84.	
35.3	96.3	10554.2	250.0	-51.0	-56.8	272.5	59.8	59.8	-1.9	335.9	335.9	99.9	99.9	59.7	85.	
37.4	101.8	11238.1	225.0	-53.9	-59.9	281.0	62.1*	61.0	-1.8	340.1	340.1	99.9	99.9	66.9	87.	
39.4	105.8	11988.4	200.0	-56.6	-62.9	284.8	58.8*	56.9	-1.6	354.7	354.7	99.9	99.9	74.4	89.	
41.7	111.3	12827.1	175.0	-59.9	-65.9	279.3	51.5*	50.9	-1.3	385.3	385.3	99.9	99.9	82.5	90.	
44.7	117.0	13788.8	150.0	-61.2	-68.4	289.4	48.6*	47.8	-1.4	99.9	99.9	99.9	99.9	92.5	91.	
48.3	123.3	14920.9	125.0	-63.6	-71.4	289.4	99.9	99.9	-1.9	99.9	99.9	99.9	99.9	99.9	99.9	
50.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
52.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
55.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7  
ENNIS, TEXAS  
27 MARCH 1982  
1703 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	149.7	1004.7	4.8	4.7	60.0	5.0	-4.3	-2.5	277.6	291.0	5.3	99.0	0.0	0.0
0.2	6.9	188.1	1000.0	4.4	4.1	67.0	6.2	-5.7	-2.4	277.6	290.6	5.2	97.8	0.1	33.5
1.1	9.1	393.7	975.0	2.4	1.8	87.9	10.2	-10.2	-0.4	277.6	289.0	4.5	95.8	0.5	268.0
2.1	11.5	603.4	950.0	0.9	0.2	98.8	12.4	-12.3	1.9	277.6	288.6	4.1	94.5	1.2	270.0
3.0	13.7	817.4	925.0	-0.2	-1.0	108.2	13.0	-12.4	4.1	279.1	289.0	3.8	94.3	1.6	275.0
3.8	16.1	1037.4	900.0	1.6	0.7	123.0	11.0	-9.2	6.0	283.1	294.8	4.5	94.0	2.5	280.0
4.8	18.4	1264.4	875.0	1.4	0.5	137.4	7.0	-4.8	5.2	285.2	297.2	4.5	93.9	2.9	285.0
5.8	20.8	1498.2	850.0	1.7	0.8	140.3	4.3	-2.7	3.3	288.0	300.7	4.8	93.8	3.2	288.0
6.8	23.3	1739.0	825.0	1.2	0.3	180.6	5.3	0.8	5.2	289.9	302.6	4.7	93.5	3.3	291.0
7.7	25.8	1987.2	800.0	2.6	0.3	233.7	10.6	8.5	6.3	293.9	308.6	5.4	93.6	3.2	298.0
8.6	28.2	2244.9	775.0	3.3	2.3	247.8	15.5	14.3	5.8	297.3	313.3	5.8	93.2	2.8	312.0
9.6	30.8	2511.1	750.0	2.7	1.7	258.6	17.4	16.9	4.0	299.5	315.5	5.3	93.2	2.5	331.0
10.7	33.3	2785.0	725.0	0.9	-0.1	283.2	18.2	18.0	2.2	300.5	315.5	5.4	93.2	2.3	338.0
11.6	35.9	3066.9	700.0	0.7	-0.3	284.6	18.1	18.1	1.7	303.2	318.4	4.9	92.9	2.6	358.0
12.6	38.4	3358.2	675.0	-1.2	-2.1	283.8	18.3	18.2	2.0	304.3	318.2	4.9	92.5	3.2	38.0
13.6	41.1	3659.2	650.0	-2.8	-3.8	254.5	18.5	17.8	2.0	305.8	318.2	4.4	92.5	4.1	48.0
14.8	43.9	3968.8	625.0	-5.8	-7.0	243.0	19.0	16.9	8.6	305.8	316.4	3.6	91.4	5.3	53.0
15.8	46.7	4287.9	600.0	-8.6	-11.6	239.0	19.4	16.6	10.0	306.2	314.1	2.7	78.9	6.6	55.0
16.9	49.4	4616.9	575.0	-10.4	-13.6	241.0	20.7	18.1	10.1	307.8	314.9	2.3	77.0	7.8	55.0
18.0	52.3	4956.5	550.0	-15.7	-30.1	243.8	21.9	19.6	9.6	305.5	307.4	0.6	28.2	9.3	58.0
19.3	55.2	5305.4	525.0	-18.5	-36.5	250.8	23.1	21.8	7.7	306.2	307.3	0.3	18.7	11.0	58.0
20.7	58.3	5668.0	500.0	-20.4	-38.8	260.9	25.8	25.4	4.1	308.2	309.1	0.2	17.8	12.9	61.0
22.0	61.3	6047.6	475.0	-20.7	-39.8	267.1	31.6	31.5	1.6	312.3	312.2	0.2	16.1	15.0	64.0
23.4	64.5	6446.0	450.0	-22.8	-41.6	267.1	33.5	33.5	1.7	314.6	315.4	0.2	15.9	17.7	68.0
24.9	67.8	6863.0	425.0	-25.5	-43.8	263.7	34.6	34.5	2.6	316.6	317.0	0.2	15.9	20.4	71.0
26.3	71.0	7300.2	400.0	-28.0	-45.9	263.7	38.4	38.1	4.2	318.6	319.2	0.2	16.0	23.5	72.0
27.9	74.4	7762.3	375.0	-29.7	-48.1	264.6	43.0	42.8	4.1	322.4	323.0	0.1	17.7	27.2	74.0
29.6	78.1	8250.9	350.0	-33.1	-49.3	270.3	43.1	43.1	-0.2	324.1	324.5	0.1	18.1	31.4	76.0
31.2	81.9	8768.0	325.0	-36.6	-52.1	273.3	53.0	52.9	-3.0	328.2	328.6	0.1	18.1	36.3	78.0
33.2	85.8	9318.5	300.0	-40.4	-59.9	271.4	53.4	53.2	-2.7	328.4	329.9	99.9	99.9	42.2	80.0
35.1	90.0	9905.5	275.0	-45.0	-59.9	267.1	53.4	53.4	-2.7	328.4	329.9	99.9	99.9	48.0	81.0
37.1	94.2	10538.0	250.0	-49.4	-59.9	271.4	60.8	60.8	-1.5	332.6	333.1	99.9	99.9	54.9	82.0
39.4	98.8	11219.4	225.0	-54.3	-59.9	277.7	59.9	59.4	-8.1	335.4	335.9	99.9	99.9	63.1	84.0
42.0	103.8	11968.4	200.0	-58.2	-59.9	279.0	57.8	57.0	-9.0	340.6	340.6	99.9	99.9	72.2	86.0
44.8	109.3	12810.6	175.0	-60.0	-59.9	275.5	49.9	49.7	-4.8	354.2	354.2	99.9	99.9	80.7	87.0
47.9	115.2	13777.6	150.0	-60.2	-59.9	279.7	46.0	45.3	-7.7	366.4	366.4	99.9	99.9	89.8	88.0
51.5	121.7	14914.6	125.0	-59.8	-59.9	287.2	37.6	35.9	-11.1	386.8	386.8	99.9	99.9	106.9	89.0
56.0	129.0	16298.5	100.0	-60.1	-59.9	99.9	99.9	99.9	99.9	411.6	411.6	99.9	99.9	99.9	91.0
59.9	99.9	99.9	75.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7  
ENNIS, TEXAS

27 MARCH 1982  
2008 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	149.7	1005.3	5.1	5.0	50.0	5.0	-3.8	-3.2	277.8	291.6	5.4	99.0	0.0	0.0
0.1	7.3	192.9	1000.0	4.9	99.9	93.4	12.3	-12.3	0.7	278.0	999.9	99.9	99.9	0.3	272.
0.9	9.5	398.9	975.0	3.0	2.4	95.2	12.6	-12.6	1.2	278.1	280.1	4.7	98.2	0.8	272.
1.0	11.8	809.0	950.0	1.5	0.9	98.7	12.3	-12.2	1.9	278.7	289.8	4.3	98.0	1.2	275.
2.5	14.0	823.4	925.0	0.0	-0.6	102.3	11.2	-11.0	2.4	279.4	289.7	4.0	95.6	1.8	277.
3.3	16.3	1043.0	900.0	-0.2	-0.7	108.4	10.4	-9.9	3.3	281.3	291.8	4.0	98.4	2.3	278.
4.1	18.6	1289.7	875.0	1.6	1.1	127.0	6.6	-5.3	4.0	285.5	297.9	4.7	96.5	2.7	281.
4.9	20.9	1503.9	850.0	2.4	1.9	172.4	2.7	-0.4	2.9	288.7	302.5	5.2	96.5	2.8	283.
5.7	23.4	1744.9	825.0	1.1	0.6	198.8	3.0	1.0	2.8	289.8	302.8	4.9	96.4	2.8	286.
6.6	25.7	1992.7	800.0	1.3	0.9	224.2	6.4	4.5	4.6	292.5	306.3	5.1	96.8	2.8	288.
7.5	28.2	2248.8	775.0	0.6	0.4	258.4	11.5	11.1	2.7	295.2	309.7	5.3	97.1	2.9	298.
8.4	30.6	2513.1	750.0	0.6	0.4	269.4	13.0	13.0	0.1	297.4	311.6	5.3	97.1	2.9	311.
9.2	33.1	2785.4	725.0	0.0	-0.4	270.7	10.9	10.8	-0.1	299.5	313.9	5.2	97.2	1.9	311.
10.2	35.6	3068.8	700.0	-1.1	-1.5	258.0	11.1	10.8	2.3	301.3	315.1	4.9	97.0	1.5	349.
11.1	38.1	3358.8	675.0	-2.5	-2.9	252.3	12.6	12.0	2.3	302.9	316.0	4.6	96.8	1.5	349.
12.0	40.8	3655.9	650.0	-3.7	-4.1	253.3	13.3	12.7	3.8	304.8	317.3	4.3	97.0	2.0	344.
13.0	43.4	3964.9	625.0	-6.4	-6.9	254.4	14.4	13.9	3.9	305.2	315.9	3.7	96.0	2.0	344.
13.8	46.1	4283.5	600.0	-8.8	-9.5	255.8	15.6	15.1	3.8	305.9	315.1	3.1	94.9	3.3	351.
15.0	48.8	4611.2	575.0	-12.8	-13.7	256.6	15.5	15.1	3.6	305.0	308.8	1.2	48.4	4.3	357.
16.4	51.7	4948.4	550.0	-15.6	-16.9	255.8	15.0	14.5	3.7	305.5	308.0	0.8	37.0	5.5	361.
17.6	54.5	5298.3	525.0	-17.7	-19.0	269.0	19.0	19.0	0.3	307.2	309.2	0.8	32.9	6.6	365.
18.9	57.4	5683.4	500.0	-17.2	-18.4	274.7	28.4	28.3	-0.8	312.1	314.1	0.6	30.5	8.3	371.
20.4	60.5	6049.4	475.0	-19.2	-20.3	268.7	33.3	33.3	0.6	315.5	317.4	0.6	30.5	11.0	377.
21.8	63.6	6416.4	450.0	-21.0	-22.3	267.3	32.9	32.9	1.6	316.8	318.5	0.5	32.0	13.7	379.
23.2	66.8	6889.3	425.0	-23.7	-25.0	264.8	34.4	34.4	3.1	318.6	320.0	0.4	31.5	16.5	380.
24.6	70.0	7309.5	400.0	-26.9	-28.4	264.9	36.7	36.5	3.3	322.1	323.1	0.3	32.2	19.5	381.
26.2	73.4	7772.3	375.0	-29.8	-31.8	269.6	35.8	35.8	0.3	322.1	323.1	0.3	33.0	23.0	382.
27.9	77.0	8281.7	350.0	-32.3	-34.1	274.1	37.6	37.5	-2.7	325.2	326.1	0.2	33.0	26.6	383.
29.7	80.7	8781.4	325.0	-35.4	-37.9	275.2	44.4	44.4	-0.7	327.6	328.5	0.2	33.1	30.8	385.
31.4	84.6	9334.5	300.0	-39.7	-42.9	273.9	48.5	48.4	-3.3	329.5	330.5	99.9	99.9	35.7	386.
33.3	88.7	9933.4	275.0	-44.2	-47.9	268.2	56.6	56.6	1.8	331.2	332.2	99.9	99.9	41.5	387.
35.4	93.0	10555.1	250.0	-48.6	-51.9	266.7	52.4	52.4	3.1	333.3	334.3	99.9	99.9	48.6	387.
37.6	97.4	11238.8	225.0	-53.9	-57.8	271.5	57.6	57.6	-1.5	335.9	336.9	99.9	99.9	55.4	388.
40.0	102.2	11888.5	200.0	-57.1	-61.4	273.9	57.8*	57.7	-3.9	342.3	343.3	99.9	99.9	62.4	388.
42.6	107.3	12638.4	175.0	-58.7	-63.9	276.6	47.4*	47.1	-5.4	357.8	358.8	99.9	99.9	72.5	389.
45.5	112.8	13811.9	150.0	-60.7	-65.9	279.4	42.2*	41.8	-9.3	369.0	370.0	99.9	99.9	82.5	390.
48.9	118.7	14948.5	125.0	-60.7	-65.9	283.0	41.1*	40.1	-8.0	385.2	386.2	99.9	99.9	92.5	391.
53.0	125.3	16333.9	100.0	-66.5	-71.9	284.1	32.9*	31.9	-7.8	410.3	411.3	99.9	99.9	107.3	392.
58.3	132.5	18106.0	75.0	-66.5	-71.9	287.0	26.7*	25.6	-4.0	432.5	433.5	99.9	99.9	113.0	393.
65.5	140.3	20802.5	50.0	-58.8	-65.9	241.7	8.5*	7.5	2.0	505.0	506.0	99.9	99.9	113.0	394.
77.2	149.0	25020.7	25.0	-54.8	-65.9	254.2	7.3	7.0	2.0	627.0	628.0	99.9	99.9	112.3	393.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7  
ENNIS, TEXAS  
27 MARCH 1982  
2304 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	149.7	1005.3	4.8	4.4	20.0	7.0	-2.4	-6.6	277.5	290.7	5.2	97.0	0.0	0.
0.2	6.6	192.8	1000.0	4.0	2.8	57.1	9.1	-7.6	-4.9	277.1	289.1	4.7	92.3	0.1	308.
0.9	9.0	397.8	975.0	1.7	1.1	86.6	10.5	-10.5	-0.6	276.8	287.7	4.3	92.3	0.5	288.
1.5	11.4	606.7	950.0	0.1	-0.5	90.6	10.3	-10.3	0.1	277.3	287.3	3.9	96.3	0.8	288.
2.0	13.7	820.0	925.0	-1.2	-1.7	94.0	9.3	-9.3	0.7	278.1	287.6	3.7	96.3	1.2	270.
2.7	16.2	1038.5	900.0	-1.0	-1.5	98.5	8.2	-8.1	1.2	280.5	290.4	3.8	96.3	1.5	270.
3.3	18.6	1264.9	875.0	0.9	0.4	85.0	4.9	-4.9	-0.4	284.7	298.6	4.5	96.2	1.8	272.
4.0	21.1	1498.5	850.0	1.7	1.1	69.9	1.8	-1.7	-0.6	289.0	301.0	4.9	95.9	1.9	270.
4.7	23.6	1738.9	825.0	0.6	0.0	204.5	1.9	0.8	1.7	289.2	301.7	4.7	96.1	1.9	271.
5.3	26.1	1986.5	800.0	1.4	0.8	262.5	5.1	5.0	0.7	292.7	308.4	5.1	95.8	1.9	273.
6.0	28.6	2241.8	775.0	-0.1	-0.7	284.3	6.8	6.8	-1.7	292.7	308.5	4.7	95.8	1.5	272.
6.8	31.2	2504.5	750.0	-0.5	-1.1	284.3	7.4	7.4	0.4	292.7	308.5	4.7	95.8	1.5	272.
7.4	33.6	2775.5	725.0	-1.9	-2.4	253.6	8.8	8.8	2.5	292.7	308.5	4.7	95.8	1.5	272.
8.1	36.4	3054.9	700.0	-3.1	-4.4	253.6	10.3	10.3	3.1	292.7	308.5	4.7	95.8	1.5	272.
8.9	39.1	3342.0	675.0	-4.8	-8.0	283.0	11.1	11.0	1.4	299.0	310.2	4.0	90.7	0.9	273.
9.7	41.9	3637.7	650.0	-6.1	-17.6	277.5	13.1	13.0	-1.7	300.3	308.3	3.1	90.7	0.9	273.
10.5	44.7	3943.8	625.0	-8.3	-25.5	277.4	12.5	12.4	-1.6	303.0	308.6	1.5	90.7	0.9	273.
11.3	47.6	4259.7	600.0	-9.8	-33.7	277.9	11.1	11.0	-1.5	304.8	308.0	0.8	90.7	0.9	273.
12.1	50.4	4586.9	575.0	-11.6	-33.3	285.9	11.9	11.4	-3.3	306.4	307.7	0.4	90.7	0.9	273.
12.9	53.4	4925.9	550.0	-14.1	-35.6	292.7	14.2	13.1	-5.5	307.3	308.4	0.3	90.7	0.9	273.
13.8	56.4	5278.3	525.0	-14.6	-38.9	294.6	17.6	16.0	-7.4	307.3	308.4	0.2	90.7	0.9	273.
14.7	59.4	5646.8	500.0	-16.0	-40.8	286.7	22.9	22.0	-6.6	310.9	311.6	0.2	90.7	0.9	273.
15.6	62.6	6032.7	475.0	-17.0	-41.8	279.6	28.0	27.6	-4.6	313.5	314.2	0.2	90.7	0.9	273.
16.6	65.9	6438.6	450.0	-19.7	-43.8	277.9	30.3	30.0	-4.2	317.0	317.7	0.2	90.7	0.9	273.
17.6	69.2	6858.0	425.0	-23.0	-48.1	277.0	32.3	32.1	-3.9	319.5	319.1	0.1	90.7	0.9	273.
18.6	72.6	7299.1	400.0	-26.4	-50.2	276.3	34.1	33.9	-3.7	320.7	320.0	0.1	90.7	0.9	273.
19.6	76.0	7763.0	375.0	-28.9	-50.1	276.5	35.6	35.3	-4.0	323.4	323.8	0.1	90.7	0.9	273.
20.9	79.6	8253.3	350.0	-32.8	-52.9	276.0	36.6	36.4	-3.8	324.8	325.1	0.1	90.7	0.9	273.
22.0	83.3	8771.6	325.0	-36.5	-55.9	274.6	41.0	40.9	-3.3	326.4	326.6	0.1	90.7	0.9	273.
23.3	87.2	9320.5	300.0	-41.4	-59.9	271.2	49.3	49.3	-1.0	327.0	327.0	0.1	90.7	0.9	273.
24.5	91.4	9908.2	275.0	-45.3	-63.9	271.0	53.6	53.6	-0.9	327.0	327.0	0.1	90.7	0.9	273.
25.9	95.8	10536.4	250.0	-49.3	-67.9	274.9	59.9	59.9	-5.1	328.8	328.8	0.1	90.7	0.9	273.
27.3	100.5	11220.2	225.0	-54.6	-71.9	277.0	63.5	63.0	-7.7	334.8	334.8	0.1	90.7	0.9	273.
29.0	105.4	11970.6	200.0	-59.5	-75.9	273.9	53.1	53.0	-3.6	338.3	338.3	0.1	90.7	0.9	273.
30.9	110.8	12822.9	175.0	-55.5	-79.9	275.4	46.0	45.8	-4.3	338.3	338.3	0.1	90.7	0.9	273.
33.5	116.7	13797.0	150.0	-59.3	-83.9	280.9	48.9	48.1	-8.9	337.9	337.9	0.1	90.7	0.9	273.
36.6	123.3	14930.2	125.0	-61.9	-87.9	276.9	43.3	43.0	-5.2	332.9	332.9	0.1	90.7	0.9	273.
40.1	130.7	16307.8	100.0	-61.7	-90.9	99.9	99.9	99.9	99.9	408.7	408.7	0.1	90.7	0.9	273.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE 10  
OF POOR QUALITY

STATION NO. 7  
ENNIS, TEXAS

28 MARCH 1982  
223 GMT

143 46. 0

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.2	149.7	1006.6	4.9	4.8	30.0	4.0	-2.0	-3.5	277.5	291.0	5.4	99.0	0.0	0.0
0.0	6.9	203.4	1000.0	4.9	99.9	99.9	99.9	99.9	99.9	278.1	299.0	99.9	99.9	99.9	99.9
0.7	9.1	409.2	975.0	2.8	1.1	99.9	99.9	99.9	99.9	278.0	288.9	4.2	99.9	99.9	99.9
1.0	11.4	619.3	950.0	1.5	0.3	99.9	99.9	99.9	99.9	279.0	289.0	4.1	91.9	99.9	99.9
2.5	13.6	833.5	925.0	-0.3	-1.4	99.9	99.9	99.9	99.9	280.3	288.8	3.7	92.3	1.2	252.0
3.3	15.9	1052.4	900.0	-1.2	-3.0	99.9	14.6	-14.4	1.5	280.3	289.2	3.4	94.7	1.9	267.0
4.2	18.3	1277.7	875.0	0.1	-0.7	100.4	8.1	-7.9	-0.8	283.9	294.9	4.2	94.7	2.6	267.0
5.1	20.7	1510.9	850.0	1.7	0.9	78.0	3.1	-3.1	-1.2	287.9	300.6	4.8	94.6	2.9	267.0
6.0	23.0	1751.9	825.0	1.5	0.8	33.6	1.3	-0.5	-0.9	290.2	303.4	4.9	93.7	2.8	265.0
6.9	25.5	2000.4	800.0	1.3	0.4	33.8	2.5	2.0	-0.9	292.6	305.9	4.7	93.7	2.8	262.0
7.9	27.9	2255.6	775.0	0.1	-0.6	282.9	2.2	2.0	-0.1	295.3	307.5	4.4	93.9	2.7	262.0
8.8	30.4	2518.2	750.0	-1.2	-2.1	286.5	4.1	7.9	0.1	297.6	310.2	4.4	93.9	2.7	260.0
9.8	33.0	2788.4	725.0	-1.5	-2.4	285.5	9.5	9.2	-2.6	300.7	304.0	0.8	93.7	1.2	232.0
11.0	35.6	3067.6	700.0	-1.6	-17.2	285.5	9.1	8.8	-1.8	301.6	304.4	0.5	93.7	1.1	162.0
12.1	38.2	3356.1	675.0	-3.6	-24.8	285.5	8.3	8.1	-1.8	304.3	306.4	0.7	93.7	1.1	133.0
13.3	40.9	3653.1	650.0	-5.6	-29.0	285.5	9.4	9.3	-1.6	306.2	308.1	0.6	93.7	1.1	133.0
14.6	43.6	3960.1	625.0	-7.1	-27.1	278.0	11.3	11.1	-1.6	308.9	310.3	0.4	93.7	1.1	133.0
16.1	46.3	4277.6	600.0	-8.5	-32.9	285.4	12.5	12.0	-3.5	310.3	311.4	0.3	93.7	1.1	133.0
17.3	49.2	4607.1	575.0	-9.5	-32.5	287.3	12.5	12.0	-3.5	312.3	312.7	0.2	93.7	1.1	133.0
18.6	52.0	4948.6	550.0	-11.6	-35.6	291.0	13.1	12.5	-5.7	313.6	314.2	0.2	93.7	1.1	133.0
19.9	55.0	5303.4	525.0	-14.1	-38.8	294.0	13.7	12.5	-5.7	316.4	318.9	0.1	93.7	1.1	133.0
21.3	57.9	5671.9	500.0	-17.0	-43.5	284.0	16.1	15.6	-3.9	318.5	320.5	0.1	93.7	1.1	133.0
22.8	61.0	6054.6	475.0	-19.7	-45.7	280.2	22.1	21.8	-5.2	320.2	322.5	0.1	93.7	1.1	133.0
24.1	64.1	6455.2	450.0	-21.4	-47.7	281.9	25.2	24.6	-4.3	322.2	324.2	0.1	93.7	1.1	133.0
26.1	67.3	6875.1	425.0	-23.8	-49.6	283.0	30.8	30.5	-4.3	324.0	325.3	0.0	93.7	1.1	133.0
27.9	70.6	7315.4	400.0	-26.9	-51.4	278.0	34.5	34.4	-4.4	325.1	327.2	0.0	93.7	1.1	133.0
29.7	74.0	7777.6	375.0	-33.2	-54.0	275.8	41.7	41.5	-4.4	327.2	328.8	0.0	93.7	1.1	133.0
31.7	77.7	8265.9	350.0	-37.4	-57.1	276.1	49.1	49.1	-4.4	328.8	330.8	0.0	93.7	1.1	133.0
33.6	81.3	8782.4	325.0	-41.3	-59.9	271.3	50.7	50.7	-4.4	330.8	333.0	0.0	93.7	1.1	133.0
35.6	85.3	9330.6	300.0	-45.9	-59.9	270.7	56.3	56.3	-4.4	333.0	335.5	0.0	93.7	1.1	133.0
37.7	89.3	9915.8	275.0	-50.7	-59.9	273.1	54.6	54.6	-4.4	335.5	337.0	0.0	93.7	1.1	133.0
39.9	93.7	10543.8	250.0	-55.8	-59.9	271.3	55.9	55.9	-4.4	337.0	339.0	0.0	93.7	1.1	133.0
42.4	98.2	11222.5	225.0	-55.1	-59.9	270.6	45.3*	45.3	-4.4	339.0	341.0	0.0	93.7	1.1	133.0
44.8	103.0	11970.2	200.0	-55.1	-59.9	270.2	38.1*	38.1	-4.4	341.0	343.1	0.0	93.7	1.1	133.0
47.6	108.5	12820.2	175.0	-57.5	-59.9	274.8	31.1*	31.1	-4.4	343.1	345.9	0.0	93.7	1.1	133.0
50.8	114.3	13797.3	150.0	-61.2	-59.9	274.7	19.5*	19.5	-4.4	345.9	348.1	0.0	93.7	1.1	133.0
54.4	120.7	14938.1	125.0	-61.9	-59.9	284.4	99.9	99.9	-4.4	348.1	351.0	0.0	93.7	1.1	133.0
58.3	128.0	16318.7	100.0	-65.4	-59.9	292.1	99.9	99.9	-4.4	351.0	353.9	0.0	93.7	1.1	133.0
63.7	136.7	18081.2	75.0	-65.4	-59.9	99.9	99.9	99.9	-4.4	353.9	356.9	0.0	93.7	1.1	133.0
71.2	146.3	20573.6	50.0	-60.2	-59.9	99.9	99.9	99.9	-4.4	356.9	359.9	0.0	93.7	1.1	133.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7  
ENNIS, TEXAS  
28 MARCH 1982  
514 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	149.7	1008.3	4.9	4.8	330.0	2.0	1.0	-1.7	277.4	290.9	5.3	99.0	0.0	0.0
0.3	6.7	217.3	1000.0	5.3	99.9	99.9	99.9	99.9	99.9	278.4	299.9	99.9	99.9	99.9	99.9
1.0	9.2	423.6	975.0	3.3	0.3	99.9	99.9	99.9	99.9	278.4	288.8	4.0	99.9	99.9	99.9
1.7	11.8	634.0	950.0	2.0	-1.8	99.9	99.9	99.9	99.9	278.2	286.4	3.5	75.7	99.9	99.9
2.5	14.0	848.9	925.0	1.2	-4.2	102.2	14.8	-14.6	3.2	280.6	288.6	3.0	67.2	1.2	271
3.3	16.5	1089.3	900.0	0.8	-3.6	102.5	12.6	-12.1	3.6	282.3	291.0	3.3	72.4	1.3	270
4.1	19.0	1296.0	875.0	1.4	0.7	86.6	6.3	-6.3	-0.1	285.2	297.4	4.6	95.4	2.4	270
4.9	21.6	1530.3	850.0	2.4	1.2	34.9	2.5	-1.4	-2.0	288.6	302.2	5.1	95.2	2.5	270
5.8	24.1	1771.9	825.0	2.4	1.2	34.9	2.5	-1.4	-2.0	290.9	304.8	5.2	95.5	2.5	274
6.7	26.7	2020.4	800.0	1.3	0.8	327.8	1.9	1.0	-1.6	292.5	306.1	5.0	95.3	2.5	272
7.6	29.3	2275.9	775.0	0.1	-0.6	282.0	3.1	3.1	-0.7	293.9	308.9	4.7	94.7	2.3	271
8.5	31.9	2538.0	750.0	-2.0	-2.8	283.5	5.1	4.8	-1.2	294.4	305.9	4.2	94.6	2.2	271
9.4	34.6	2807.5	725.0	-2.0	-2.8	291.9	8.2	7.6	-2.1	296.6	304.1	2.6	94.2	1.8	268
10.4	37.3	3086.2	700.0	-2.0	-12.3	288.0	8.6	8.4	-2.7	300.3	306.6	2.1	94.2	1.3	268
11.5	40.1	3374.9	675.0	-2.5	-25.7	271.1	8.0	8.0	-2.7	302.9	306.6	0.7	94.2	0.9	240
12.6	42.9	3673.6	650.0	-3.9	-28.2	263.0	8.0	8.0	-2.7	304.5	306.4	0.6	94.2	0.5	240
13.7	45.7	3981.6	625.0	-6.4	-30.5	269.3	9.1	9.0	-2.7	305.2	307.1	0.5	94.2	0.4	135
14.8	48.6	4299.5	600.0	-8.4	-30.5	269.3	10.5	10.5	-2.3	308.4	308.1	0.5	94.2	1.0	101
16.0	51.6	4628.9	575.0	-9.8	-27.8	281.5	11.7	11.5	-2.3	310.2	310.7	0.7	94.2	1.8	99
17.2	54.6	4970.6	550.0	-11.7	-31.1	285.4	12.8	12.3	-3.4	310.2	311.9	0.5	94.2	2.7	101
18.5	57.6	5325.3	525.0	-14.0	-35.5	289.5	14.0	13.2	-4.7	311.6	312.8	0.3	94.2	4.8	105
19.9	60.8	5693.3	500.0	-17.3	-38.1	290.3	14.8	14.0	-5.2	311.9	313.7	0.2	94.2	8.2	105
21.3	64.0	6075.1	475.0	-20.2	-40.9	284.0	16.4	15.9	-4.0	313.0	313.7	0.2	94.2	7.5	104
22.6	67.1	6474.7	450.0	-21.8	-42.8	275.6	20.2	20.1	-2.0	315.9	316.5	0.2	94.2	9.5	102
24.1	70.4	6893.2	425.0	-24.7	-45.1	271.0	23.4	23.4	-0.4	317.4	317.5	0.2	94.2	11.8	100
25.6	73.9	7331.5	400.0	-27.8	-47.5	272.8	24.9	24.9	-1.2	319.4	319.3	0.1	94.2	14.1	99
27.2	77.4	7791.5	375.0	-31.9	-50.7	271.4	26.9	26.9	-0.7	321.0	321.7	0.1	94.2	16.8	97
28.8	81.0	8275.0	350.0	-35.4	-53.5	268.4	29.4	29.3	1.8	322.4	322.6	0.1	94.2	19.7	95
30.5	84.7	8786.5	325.0	-39.4	-56.7	263.8	30.0	29.8	3.2	324.4	324.4	0.1	94.2	23.2	94
32.3	88.7	9329.7	300.0	-43.7	-59.9	268.9	35.6	35.6	0.6	326.1	326.1	99.9	99.9	27.6	92
34.3	92.8	9909.8	275.0	-47.7	-62.9	259.6	42.7	42.6	0.3	328.5	328.5	99.9	99.9	34.0	92
36.6	97.2	10533.5	250.0	-52.2	-65.5	259.6	45.9	45.9	-0.3	333.5	333.5	99.9	99.9	40.4	92
38.9	101.6	11210.3	225.0	-56.5	-68.9	270.5	43.0	43.0	-0.9	344.2	344.2	99.9	99.9	54.5	92
41.4	106.4	11959.1	200.0	-55.9	-68.9	267.7	42.5	42.5	-0.3	358.5	358.5	99.9	99.9	61.7	92
44.3	111.5	12811.4	175.0	-56.1	-69.9	274.1	33.0	33.0	-1.3	373.7	373.7	99.9	99.9	68.2	91
47.5	117.0	13795.3	150.0	-59.3	-69.9	275.6	33.4	33.4	-2.4	387.0	387.0	99.9	99.9	75.8	92
51.0	123.2	14543.7	125.0	-62.5	-69.9	283.0	27.8	27.7	-2.7	407.0	407.0	99.9	99.9	83.7	92
55.4	130.0	16327.0	100.0	-62.9	-69.9	283.0	20.8	20.3	-4.7	441.0	441.0	99.9	99.9	99.9	99.9
60.2	137.2	18092.5	75.0	-60.0	-69.9	99.9	99.9	99.9	99.9	502.2	502.2	99.9	99.9	99.9	99.9
67.3	146.0	20576.0	50.0	-60.0	-69.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 8  
BROWNWOOD, TEXAS  
27 MARCH 1982  
1700 GMT

145 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CORP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	502.3	961.1	6.1	5.4	120.0	6.0	-5.2	3.0	282.4	297.5	5.9	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.9	597.4	955.0	5.2	3.9	99.9	99.9	99.9	99.9	282.5	297.3	5.4	94.3	99.9	99.9
1.1	14.2	815.2	925.0	4.2	3.4	99.9	99.9	99.9	99.9	283.3	295.8	5.3	94.3	99.9	99.9
2.9	16.6	1037.4	900.0	1.7	1.6	99.9	99.9	99.9	99.9	287.2	301.8	5.5	99.4	99.9	99.9
3.7	19.1	1265.2	875.0	3.2	3.2	178.6	9.0	-0.2	8.1	292.4	310.8	6.9	100.5	1.4	303.
4.7	21.6	1502.1	850.0	6.0	6.0	222.0	10.9	7.3	8.7	293.4	310.8	6.5	100.4	1.5	323.
5.6	24.1	1748.6	825.0	4.6	4.6	242.2	9.8	8.7	-2.1	294.8	310.5	5.8	100.4	1.6	346.
6.6	26.6	1997.0	800.0	3.4	2.7	283.7	9.0	7.5	-2.1	297.5	310.7	4.8	100.4	1.7	37.
7.5	29.2	2255.3	775.0	3.2	-0.5	298.8	8.6	6.6	-2.6	300.4	313.6	4.7	75.1	1.5	50.
8.7	31.8	2521.6	750.0	3.2	-0.8	291.1	7.1	7.1	-0.9	301.4	314.0	3.9	74.0	1.8	50.
9.7	34.1	2796.2	725.0	1.7	-1.7	277.1	7.2	8.8	0.3	302.1	313.4	3.5	71.7	2.2	60.
10.8	37.1	3078.0	700.0	-0.4	-4.4	258.3	6.8	11.2	-0.5	303.5	313.8	2.6	71.7	2.7	67.
12.0	39.3	3368.5	675.0	-1.9	-6.3	273.0	11.2	11.2	-0.5	304.8	312.5	2.6	57.8	2.7	67.
13.1	42.9	3667.8	650.0	-3.7	-10.8	99.9	99.9	99.9	99.9	305.6	311.5	1.9	49.7	2.7	67.
14.4	45.1	3967.5	625.0	-6.0	-14.8	99.9	99.9	99.9	99.9	307.6	311.5	1.1	31.2	2.7	67.
15.5	48.0	4295.8	600.0	-7.4	-21.5	99.9	99.9	99.9	99.9	309.1	311.7	0.8	24.0	2.7	67.
16.8	50.8	4626.3	575.0	-9.3	-28.1	99.9	99.9	99.9	99.9	311.2	313.4	0.7	22.0	2.7	67.
18.1	53.8	4968.8	550.0	-10.9	-28.4	284.4	23.5	22.8	-5.3	315.4	318.7	0.7	20.0	2.7	67.
19.4	56.7	5326.7	525.0	-10.0	-28.6	279.9	30.5	30.1	-2.3	319.2	321.3	0.5	19.8	2.7	67.
20.8	59.8	5702.4	500.0	-11.4	-32.0	274.2	32.1	32.0	-1.7	320.7	322.5	0.5	19.8	2.7	67.
22.3	62.9	6093.6	475.0	-14.0	-32.1	273.2	30.8	30.8	-1.7	321.7	323.3	0.4	20.3	2.7	67.
23.9	65.0	6501.5	450.0	-17.1	-34.5	268.9	33.0	33.0	-2.0	323.0	324.4	0.4	21.6	2.7	67.
25.5	69.4	6927.8	425.0	-20.2	-36.5	268.9	36.9	36.9	-2.0	325.1	326.8	0.5	21.6	2.7	67.
27.2	72.9	7374.2	400.0	-23.0	-38.2	270.5	40.7	40.7	-4.6	327.6	328.8	0.5	21.6	2.7	67.
29.1	76.3	7845.1	375.0	-25.7	-39.5	276.1	42.7	42.5	-4.6	329.1	330.0	0.3	25.6	2.7	67.
31.2	80.0	8341.5	350.0	-29.4	-42.8	278.7	49.4	48.8	-7.5	331.4	332.3	0.2	25.6	2.7	67.
33.2	83.8	8866.7	325.0	-32.9	-43.5	272.6	56.7	56.6	-2.6	333.6	334.3	0.2	24.5	2.7	67.
35.3	87.8	9425.7	300.0	-36.8	-46.7	269.0	57.8	57.8	-2.1	335.4	335.9	0.2	24.5	2.7	67.
37.5	92.0	10022.0	275.0	-41.3	-49.9	272.1	59.3	58.9	-7.0	337.6	339.9	0.2	24.5	2.7	67.
39.8	96.3	10663.4	250.0	-46.1	-51.9	275.8	61.3	61.3	-11.8	339.0	341.4	0.2	24.5	2.7	67.
42.0	101.0	11255.7	225.0	-51.7	-54.9	278.2	63.5	63.5	-8.2	341.4	343.8	0.2	24.5	2.7	67.
44.6	106.0	11868.1	200.0	-56.7	-58.7	278.7	65.7	65.7	-7.2	343.8	346.2	0.2	24.5	2.7	67.
47.8	111.4	12499.1	175.0	-59.4	-61.4	278.7	68.0	68.0	-7.2	346.2	348.6	0.2	24.5	2.7	67.
51.3	117.2	13155.4	150.0	-63.6	-63.6	278.7	71.3	71.3	-7.2	348.6	351.0	0.2	24.5	2.7	67.
55.0	123.7	13832.7	125.0	-68.1	-68.1	278.7	74.6	74.6	-8.6	351.0	353.4	0.2	24.5	2.7	67.
58.3	131.5	14532.2	100.0	-64.1	-64.1	278.7	77.9	77.9	-11.8	353.4	355.8	0.2	24.5	2.7	67.
61.1	139.5	15224.2	75.0	-60.1	-60.1	278.7	81.2	81.2	-11.8	355.8	358.2	0.2	24.5	2.7	67.
68.3	149.0	20735.6	50.0	-60.1	-60.1	278.7	84.5	84.5	-11.8	358.2	360.6	0.2	24.5	2.7	67.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 8 BROWNWOOD, TEXAS														149 26. 0	
27 MARCH 1982															
2000 GMT															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	502.3	961.1	6.6	4.4	90.0	5.0	-5.0	0.0	293.0	297.1	5.5	86.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	11.5	597.6	975.0	4.8	4.1	99.9	99.9	99.9	99.9	282.1	296.0	5.4	94.6	999.9	999.9
1.4	13.8	814.7	925.0	3.4	2.8	999.9	99.9	99.9	99.9	282.8	295.9	5.1	96.1	999.9	999.9
2.3	16.2	1036.7	900.0	2.2	2.1	999.9	99.9	99.9	99.9	283.8	296.7	5.0	99.3	0.5	273.0
3.1	18.6	1264.4	875.0	2.5	1.9	999.9	99.9	99.9	99.9	286.4	299.5	5.0	96.1	0.7	277.0
3.9	21.0	1500.4	850.0	5.3	4.6	143.3	5.8	-3.5	4.7	291.7	308.4	5.3	95.4	0.7	287.0
4.8	23.4	1744.1	825.0	3.8	3.0	212.7	7.3	3.9	5.1	292.6	308.1	5.8	94.8	1.1	302.0
5.6	25.9	1994.0	800.0	2.6	0.3	296.8	4.8	4.2	-2.1	294.0	307.3	4.9	84.3	0.9	313.0
6.8	28.4	2251.7	775.0	3.7	-0.4	295.7	4.4	3.9	-1.9	297.8	311.1	4.8	74.4	0.6	314.0
7.9	31.0	2518.0	750.0	2.7	-1.8	278.4	5.9	5.8	-0.9	299.5	312.7	3.9	65.0	0.5	341.0
8.9	33.6	2792.5	725.0	1.8	-4.0	267.3	8.7	8.7	0.4	301.5	312.7	2.5	47.0	1.1	72.0
10.1	36.2	3074.6	700.0	-0.2	-10.1	273.2	11.2	11.2	-0.6	302.3	309.8	0.8	12.4	1.9	80.0
11.2	38.9	3364.8	675.0	-2.0	-24.5	269.4	11.8	11.8	0.1	303.4	306.1	0.6	12.4	2.7	83.0
12.4	41.6	3653.8	650.0	-3.5	-28.3	278.8	12.4	12.3	0.1	305.1	306.9	0.5	11.4	3.6	89.0
13.6	44.3	3972.5	625.0	-5.5	-30.9	291.2	13.9	12.9	-5.0	306.2	307.7	0.5	11.3	4.6	95.0
14.9	47.1	4291.5	600.0	-6.9	-32.1	293.7	16.9	15.5	-6.8	308.1	309.6	0.4	12.1	6.0	99.0
16.1	50.0	4622.0	575.0	-9.0	-33.1	292.1	21.0	19.4	-7.9	309.4	310.6	0.4	12.1	7.7	102.0
17.4	53.0	4984.0	550.0	-11.6	-35.4	291.8	25.6	23.7	-9.5	310.3	311.5	0.3	11.8	10.1	104.0
18.8	56.0	5321.2	525.0	-11.9	-36.4	287.9	30.2	28.7	-9.3	315.1	316.3	0.3	10.2	12.7	104.0
20.2	59.0	5695.5	500.0	-15.0	-37.0	282.6	32.8	29.7	-6.6	316.5	319.6	0.3	10.9	15.5	104.0
21.7	62.1	6086.2	475.0	-18.4	-38.9	276.9	32.8	32.6	-3.9	319.4	320.4	0.2	10.9	19.0	102.0
23.5	65.4	6492.5	450.0	-21.7	-41.2	273.5	33.7	33.6	-2.1	320.2	321.0	0.2	12.0	22.4	100.0
25.2	68.7	6916.4	425.0	-23.9	-43.3	272.4	35.1	35.1	-1.5	321.1	321.8	0.2	11.5	26.0	99.0
26.8	72.0	7360.4	400.0	-26.5	-45.5	273.2	37.7	37.7	-2.1	323.9	324.5	0.2	11.5	30.1	99.0
28.6	75.6	7829.9	375.0	-28.5	-47.3	279.3	41.4	40.8	-6.7	326.5	327.1	0.1	11.8	34.7	98.0
30.3	79.1	8324.3	350.0	-30.6	-50.9	281.3	47.2	46.3	-9.3	327.5	327.9	0.1	12.5	39.5	99.0
31.9	82.9	8845.5	325.0	-35.3	-54.1	277.6	53.1	52.7	-7.1	328.0	328.3	99.9	999.9	49.0	99.0
33.8	86.8	9397.9	300.0	-39.8	-59.9	269.3	56.3	56.3	0.7	329.2	329.9	99.9	999.9	55.1	96.0
35.5	91.0	9989.3	275.0	-42.2	-62.2	269.4	64.0*	64.0	0.6	334.1	334.5	99.9	999.9	63.3	96.0
38.9	95.3	10626.2	250.0	-48.2	-69.9	275.0	60.7*	60.4	-5.3	336.7	336.7	99.9	999.9	75.2	96.0
41.5	100.0	11312.8	225.0	-53.4	-76.1	276.1	66.5*	66.0	-2.2	340.7	340.7	99.9	999.9	85.5	96.0
43.7	105.0	12062.1	200.0	-58.2	-82.2	272.1	60.4*	60.4	-7.8	358.9	358.9	99.9	999.9	94.1	96.0
46.2	110.3	12915.2	175.0	-55.1	-89.9	277.5	59.3*	59.3	-11.6	370.7	370.7	99.9	999.9	105.0	96.0
49.3	116.0	13893.3	150.0	-57.7	-99.9	282.3	54.5*	53.3	-9.2	382.3	382.3	99.9	999.9	113.4	97.0
52.6	122.5	15032.2	125.0	-62.3	-99.9	281.4	46.8*	45.3	-12.7	410.8	410.8	99.9	999.9	122.6	97.0
56.6	130.0	16410.4	100.0	-60.6	-99.9	295.8	29.5*	28.8	-11.8	435.8	435.8	99.9	999.9	127.0	97.0
61.7	138.3	18181.3	75.0	-65.4	-99.9	311.5	17.7*	13.3	-17.2	499.8	499.8	99.9	999.9	139.0	98.0
69.0	148.0	20673.9	50.0	-61.0	-99.9	189.1	17.5*	-3.3	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 8  
BROWNWOOD, TEXAS  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DG
0.0	10.5	502.3	961.1	5.0	4.1	100.0	5.0	-4.9	0.9	281.3	295.1	5.4	94.0	0.0	0.0
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.5	597.0	950.0	3.8*	99.9	91.0	8.3	-8.3	0.2	281.1	999.9	99.9	99.9	0.1	257.
0.9	13.8	813.2	925.0	2.3	99.9	91.7	8.3	-8.2	0.2	281.7	293.7	4.8	94.8	0.3	266.
1.8	18.2	1034.3	900.0	1.2	99.9	101.5	8.3	-8.1	1.7	282.7	294.1	4.3	93.8	0.8	270.
2.7	18.6	1261.5	875.0	2.3	99.9	125.3	5.9	-4.8	3.4	286.2	299.0	4.8	93.4	1.2	278.
3.5	21.1	1486.8	850.0	3.6	99.9	311.4	1.9	-0.3	-1.2	289.9	304.3	5.4	92.9	1.3	282.
4.5	23.5	1739.4	825.0	2.9	99.9	311.4	2.8	1.4	-2.8	291.7	306.0	5.3	92.4	1.2	286.
5.3	28.0	1988.6	800.0	2.7	99.9	335.7	3.5	1.4	-3.2	294.1	308.8	5.4	92.2	1.2	289.
6.2	28.6	2246.0	775.0	2.8	99.9	358.2	5.6	5.4	-5.5	296.9	307.8	5.3	92.5	1.1	284.
7.1	33.1	2511.7	750.0	2.8	99.9	303.2	9.9	8.2	-5.4	299.7	306.0	2.2	34.4	0.8	245.
8.1	33.7	2785.3	725.0	1.4	99.9	303.2	11.2	10.3	-4.4	301.0	307.4	2.2	37.8	0.7	191.
9.2	38.2	3088.6	700.0	-0.8	99.9	281.9	11.3	11.1	-2.3	301.6	306.5	1.6	31.5	1.0	146.
10.3	38.0	3355.2	675.0	-2.0	99.9	287.8	12.1	11.6	-3.7	303.4	306.6	0.4	7.8	1.6	128.
11.4	41.6	3655.2	650.0	-3.5	99.9	293.6	12.0	11.0	-4.8	305.1	305.8	0.2	4.7	2.5	122.
12.6	44.3	3964.4	625.0	-4.5	99.9	297.3	12.6	11.2	-5.8	307.3	308.1	0.2	5.7	3.3	121.
13.8	47.0	4284.8	600.0	-6.1	99.9	299.4	13.2	11.5	-6.5	309.1	309.9	0.2	5.4	4.3	120.
14.9	49.8	4616.0	575.0	-8.3	99.9	298.7	13.3	11.7	-6.4	312.4	313.0	0.2	8.4	5.2	120.
16.2	52.8	4959.7	550.0	-9.9	99.9	298.8	15.4	13.7	-8.9	315.1	315.5	0.1	5.3	6.2	119.
17.5	55.8	5317.6	525.0	-11.1	99.9	293.1	21.5	19.8	-7.4	317.2	317.7	0.1	3.7	7.6	117.
18.9	58.8	5691.0	500.0	-13.0	99.9	288.8	25.8	24.7	-5.4	318.5	318.5	0.1	4.0	9.9	114.
20.3	61.9	6079.5	475.0	-16.0	99.9	281.5	27.1	26.8	-5.4	318.5	318.5	0.1	4.2	11.9	112.
21.8	65.0	6484.3	450.0	-19.4	99.9	277.9	28.5	28.2	-5.7	318.5	318.5	0.1	4.4	14.2	112.
23.3	68.3	6903.5	425.0	-22.7	99.9	277.0	30.4	30.2	-5.7	320.0	320.2	0.1	4.6	16.9	110.
25.0	71.7	7348.5	400.0	-25.3	99.9	277.0	33.6	33.3	-4.5	322.1	322.1	0.1	4.8	19.8	108.
26.7	75.1	7815.2	375.0	-27.5	99.9	277.0	39.2	38.4	-7.6	322.1	322.1	0.1	5.0	23.6	105.
28.4	78.8	8308.1	350.0	-31.1	99.9	278.5	48.6	48.1	-7.2	326.9	327.0	0.0	5.4	27.9	103.
29.9	82.5	8828.8	325.0	-35.6	99.9	273.4	54.8	54.7	-3.2	327.7	327.8	0.0	6.9	32.8	102.
31.5	86.4	9380.8	300.0	-40.0	99.9	268.0	52.8	52.8	-1.5	329.0	329.0	99.9	99.9	37.8	100.
33.4	90.5	9969.7	275.0	-44.3	99.9	271.5	54.6	54.6	-5.3	331.0	331.0	99.9	99.9	43.8	99.
35.6	94.8	10602.0	250.0	-48.5	99.9	274.9	61.3	61.0	-4.8	334.0	334.0	99.9	99.9	51.3	99.
37.9	99.2	11287.5	225.0	-52.5	99.9	274.1	67.0*	66.9	-3.5	336.4	336.4	99.9	99.9	60.2	98.
40.8	104.2	12036.3	200.0	-57.0	99.9	273.4	56.5*	56.4	-4.0	342.5	342.5	99.9	99.9	71.4	98.
43.6	109.5	12887.0	175.0	-55.8	99.9	274.0	57.7*	57.6	-9.9	357.8	357.8	99.9	99.9	80.0	97.
46.8	115.2	13863.4	150.0	-57.3	99.9	278.1	69.8*	69.1	-9.9	371.3	371.3	99.9	99.9	94.6	97.
50.4	121.5	15005.3	125.0	-62.5	99.9	272.1	40.5*	40.4	-13.8	381.9	381.9	99.9	99.9	104.0	97.
54.6	128.7	16375.7	100.0	-62.7	99.9	299.0	28.4*	24.8	-9.9	408.6	408.6	99.9	99.9	115.4	97.
60.3	137.0	18140.9	75.0	-66.8	99.9	99.9	99.9	99.9	99.9	432.9	432.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 8 BROWNWOOD, TEXAS														
28 MARCH 1982														
207 GMT														
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MY RIO	RH	RANGE
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	CM/KG	PCT	NM
0 0	10.1	502.3	982.8	4.3	3.7	80.0	7.0	-6.9	-1.2	280.5	293.8	5.2	30.0	0.0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	11.3	611.2	975.0	3.0	2.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	13.6	827.1	925.0	1.7	1.1	73.5	8.3	-7.8	-2.5	280.3	292.5	4.8	94.9	0.3
2.0	18.0	1047.5	900.0	0.1	-0.7	85.8	9.2	-8.4	-0.7	281.0	292.1	4.5	98.1	0.7
2.9	18.3	1273.9	875.0	1.6	0.8	108.4	8.3	-9.2	2.6	281.6	292.7	4.0	94.3	1.0
3.8	20.7	1508.4	850.0	2.7	1.8	103.3	5.1	-7.6	1.2	285.5	297.7	4.6	94.3	1.5
4.7	23.1	1750.2	825.0	2.0	1.1	103.3	3.5	-5.0	1.2	289.0	302.7	5.1	93.3	1.8
5.6	25.6	1998.8	800.0	2.1	1.1	103.3	4.7	-3.0	-1.3	290.7	304.6	5.1	94.3	2.0
6.5	28.1	2255.1	775.0	2.8	-2.3	320.8	10.3	8.3	-3.7	293.4	304.6	4.1	73.0	2.0
7.5	30.6	2520.5	750.0	2.5	-17.8	304.6	12.8	10.5	-6.0	296.9	303.8	2.4	39.7	1.8
8.6	33.2	2793.3	725.0	0.3	-14.3	301.1	13.4	11.6	-7.3	299.2	303.2	1.3	21.2	1.5
9.6	35.7	3073.4	700.0	-1.7	-24.0	301.1	13.6	11.6	-6.9	299.8	305.0	0.8	32.2	1.5
10.6	38.3	3362.1	675.0	-2.5	-25.4	298.9	12.1	10.8	-5.5	300.6	305.2	0.7	17.1	1.9
11.8	41.0	3661.0	650.0	-3.5	-29.8	290.6	11.8	10.8	-4.2	302.9	306.6	0.5	15.2	2.4
12.9	43.8	3970.1	625.0	-5.1	-38.1	284.6	12.0	11.1	-5.0	305.0	307.4	0.2	10.8	3.1
14.2	46.6	4289.8	600.0	-6.7	-40.9	280.3	11.0	10.9	-5.5	306.7	307.4	0.2	5.4	3.9
15.5	49.3	4620.8	575.0	-8.4	-41.0	283.7	8.2	9.5	-3.3	308.4	309.0	0.2	4.5	4.7
16.8	52.2	4964.0	550.0	-10.5	-44.6	289.0	9.7	7.5	-3.1	310.1	310.8	0.2	5.2	5.4
18.2	55.1	5321.3	525.0	-11.8	-46.3	288.2	16.0	15.2	-5.0	311.6	312.1	0.1	5.2	6.0
19.6	58.2	5693.6	500.0	-13.9	-48.5	285.3	21.6	20.8	-5.7	314.2	314.6	0.1	3.8	6.9
21.0	61.3	6081.2	475.0	-16.9	-50.2	278.5	21.8	21.3	-3.2	316.1	316.4	0.1	3.5	8.5
22.6	64.5	6484.1	450.0	-20.6	-52.4	272.7	22.0	22.8	-2.7	317.1	317.4	0.1	3.0	10.3
24.2	67.8	6904.1	425.0	-23.8	-54.2	273.7	25.7	25.6	-1.7	317.5	317.6	0.1	3.9	12.3
25.6	71.1	7344.3	400.0	-26.4	-55.4	269.4	28.6	28.6	0.3	318.5	318.7	0.0	4.1	14.4
27.4	74.6	7808.5	375.0	-29.1	-56.8	274.6	29.7	28.6	-0.3	320.6	320.8	0.0	4.5	16.8
29.1	78.3	8297.6	350.0	-33.1	-58.6	274.6	34.3	29.7	-2.4	323.1	323.3	0.0	4.9	19.6
31.0	82.2	8814.2	325.0	-37.1	-59.6	275.7	43.3	33.9	-5.1	324.1	324.3	0.0	5.0	22.8
33.0	86.2	9382.9	300.0	-40.9	-62.2	271.6	51.9	43.1	-4.3	325.6	325.7	0.0	5.3	27.0
35.3	90.4	9948.7	275.0	-45.6	-69.9	269.7	56.2	51.9	-1.4	327.7	327.7	99.9	99.9	32.7
37.7	94.8	10577.5	250.0	-50.4	-69.9	270.5	60.5	56.2	0.3	329.1	329.1	99.9	99.9	40.0
40.2	99.7	11255.8	225.0	-55.9	-69.9	266.8	58.0*	57.9	-0.5	331.1	331.1	99.9	99.9	48.3
43.0	104.8	12006.1	200.0	-53.7	-69.9	267.0	50.2*	57.9	3.1	332.9	332.9	99.9	99.9	57.6
45.9	110.2	12861.9	175.0	-54.9	-69.9	270.9	50.2*	50.2*	-0.8	347.8	347.8	99.9	99.9	68.5
49.0	116.0	13842.8	150.0	-56.6	-69.9	275.6	45.3*	45.0	-4.4	359.3	359.3	99.9	99.9	76.1
52.7	122.7	14982.0	125.0	-63.3	-69.9	269.5	36.9*	36.9	0.3	372.6	372.6	99.9	99.9	85.2
56.8	130.0	16355.5	100.0	-63.5	-69.9	281.8	28.6*	26.1	-5.5	405.0	405.0	99.9	99.9	94.5
62.0	138.7	18107.9	75.0	-64.3	-69.9	282.5	11.4*	11.3	-1.5	438.2	438.2	99.9	99.9	101.8
69.3	148.3	20596.9	50.0	-59.0	-69.9	289.1	5.0*	4.7	-1.6	504.6	504.6	99.9	99.9	108.1
82.8	158.7	24993.7	25.0	-53.7	-69.9	299.9	99.9	99.9	99.9	630.5	630.5	99.9	99.9	109.5

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 10  
OF POOR QUALITY

STATION NO. 8  
BROWNWOOD, TEXAS

28 MARCH 1982  
503 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.9	502.3	964.4	3.3	2.1	65.0	6.0	-5.4	-2.5	279.3	291.2	4.6	92.0	113	120.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.3	624.2	950.0	2.4*	1.9	81.2	9.9	-9.7	-1.5	279.8	291.5	4.6	96.7	0.2	238
1.3	13.6	839.3	925.0	0.7	0.2	85.7	8.7	-8.6	-0.7	280.0	290.9	4.2	98.8	0.7	254
2.2	15.9	1059.0	900.0	-0.4	-0.9	97.0	8.6	-8.5	1.0	281.1	291.6	4.0	98.8	0.7	254
3.0	18.3	1286.6	875.0	2.9	2.2	103.0	7.0	-8.6	1.0	281.1	291.6	4.0	98.8	0.7	254
3.8	20.6	1521.3	850.0	3.0	2.2	103.0	7.0	-8.6	1.0	281.1	291.6	4.0	98.8	0.7	254
4.6	23.1	1763.4	825.0	1.7	1.0	80.6	4.6	-4.5	-0.8	289.3	303.4	5.3	94.9	1.5	269
5.6	25.5	2012.6	800.0	3.3	-2.5	33.4	8.0	-3.8	-7.2	294.6	305.8	5.0	94.7	1.7	269
6.5	28.0	2270.3	775.0	3.5	-7.0	33.4	11.7	3.6	-8.0	294.6	305.8	4.0	94.7	1.7	269
7.4	30.5	2536.5	750.0	3.1	-8.5	305.3	14.4	3.6	-8.0	294.6	305.8	2.9	94.7	1.7	269
8.4	33.0	2810.2	725.0	1.2	-9.3	305.3	15.2	12.8	-8.3	300.0	307.8	2.7	94.7	1.7	269
9.4	35.6	3091.7	700.0	-1.0	-10.1	300.6	16.4	14.1	-8.4	301.4	308.9	2.5	94.7	1.7	269
10.4	38.1	3380.6	675.0	-3.7	-10.7	301.6	16.2	13.8	-8.6	301.4	308.9	2.5	94.7	1.7	269
11.5	40.9	3677.5	650.0	-5.5	-21.3	286.6	14.3	12.8	-8.6	302.8	308.9	1.1	94.7	1.7	269
12.5	43.5	3984.8	625.0	-6.0	-37.4	288.2	12.0	11.4	-3.7	305.8	308.9	0.2	94.7	1.7	269
13.6	46.2	4304.0	600.0	-6.6	-42.6	284.8	9.7	9.4	-2.5	308.5	308.9	0.1	94.7	1.7	269
14.8	49.0	4635.3	575.0	-8.5	-42.1	287.2	11.0	10.5	-3.3	310.1	310.9	0.2	94.7	1.7	269
15.8	51.8	4978.3	550.0	-10.7	-43.5	285.0	13.1	12.6	-4.1	311.4	311.9	0.1	94.7	1.7	269
17.1	54.8	5334.0	525.0	-13.3	-44.0	284.0	15.8	15.2	-4.1	312.4	312.9	0.1	94.7	1.7	269
18.3	57.8	5704.0	500.0	-15.5	-44.8	284.0	18.7	18.2	-4.1	312.4	312.9	0.1	94.7	1.7	269
19.6	60.8	6089.6	475.0	-17.8	-46.7	278.6	20.3	20.0	-3.0	316.0	316.4	0.1	94.7	1.7	269
20.9	63.9	6491.2	450.0	-21.4	-49.9	278.1	21.0	20.9	-2.2	316.4	316.4	0.1	94.7	1.7	269
22.5	67.1	6910.3	425.0	-24.6	-52.9	273.9	22.1	22.1	-1.5	317.5	317.7	0.1	94.7	1.7	269
24.0	70.5	7348.3	400.0	-28.4	-55.3	272.0	23.7	23.7	-0.8	318.1	318.3	0.1	94.7	1.7	269
25.4	73.9	7807.3	375.0	-32.1	-56.8	267.4	26.9	26.9	1.2	319.1	319.3	0.0	94.7	1.7	269
27.0	77.4	8292.2	350.0	-34.6	-58.6	263.1	28.4	28.4	3.4	322.1	322.3	0.0	94.7	1.7	269
28.7	81.0	8804.8	325.0	-39.1	-61.0	268.3	33.4	33.4	1.0	322.8	322.9	0.0	94.7	1.7	269
30.5	85.0	9349.7	300.0	-42.4	-64.7	269.3	42.5	42.5	0.5	325.6	325.9	99.9	99.9	99.9	99.9
32.4	89.0	9932.4	275.0	-46.7	-69.9	269.5	47.8	47.8	0.4	327.8	327.9	99.9	99.9	99.9	99.9
34.5	93.3	10558.8	250.0	-50.9	-74.4	271.4	49.5	49.5	-1.2	330.3	330.3	99.9	99.9	99.9	99.9
36.6	97.6	11238.3	225.0	-54.3	-79.9	272.1	51.8	51.8	-1.3	335.3	335.3	99.9	99.9	99.9	99.9
39.2	102.7	11990.0	200.0	-55.0	-84.4	271.6	49.1	49.0	-1.4	345.7	345.7	99.9	99.9	99.9	99.9
41.9	107.8	12844.7	175.0	-55.3	-89.9	273.5	50.7	50.6	-3.1	358.6	358.6	99.9	99.9	99.9	99.9
44.9	113.5	13827.9	150.0	-55.7	-94.4	274.3	42.0	41.9	-3.2	374.2	374.2	99.9	99.9	99.9	99.9
48.5	119.7	14976.9	125.0	-59.0	-99.9	99.9	99.9	99.9	99.9	388.1	388.1	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 9  
HEWITT, TEXAS

27 MARCH 1982  
1145 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	184.1	997.8	8.4	5.3	180.0	4.5	-1.5	4.2	281.7	285.2	5.6	81.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	279.9	289.9	99.9	99.9	999.9	999.9
0.8	9.1	373.5	975.0	4.7	4.0	99.9	99.9	99.9	99.9	279.9	289.9	5.2	94.5	999.9	999.9
1.6	11.3	585.0	950.0	3.3	2.5	999.9	99.9	99.9	99.9	280.6	293.0	4.8	94.4	999.9	999.9
2.5	13.7	801.4	925.0	3.0	2.2	999.9	99.9	99.9	99.9	283.5	295.5	4.9	94.2	999.9	999.9
3.3	16.1	1023.2	900.0	1.9	1.1	999.9	99.9	99.9	99.9	285.8	298.2	4.7	94.0	999.9	999.9
4.3	18.5	1250.7	875.0	1.9	1.0	999.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	999.9	999.9
5.2	21.0	1484.8	850.0	1.6	0.7	999.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	999.9	999.9
6.1	23.5	1727.3	825.0	5.3	4.3	999.9	99.9	99.9	99.9	284.2	311.3	6.3	92.1	999.9	999.9
7.1	25.9	1979.6	800.0	5.2	4.4	999.9	99.9	99.9	99.9	284.2	311.3	6.3	92.1	999.9	999.9
8.1	28.5	2238.9	775.0	4.1	-0.4	999.9	99.9	99.9	99.9	285.3	314.6	6.6	91.5	999.9	999.9
9.1	31.0	2505.2	750.0	4.1	-0.4	999.9	99.9	99.9	99.9	285.3	314.6	6.6	91.5	999.9	999.9
10.1	33.6	2779.3	725.0	1.3	-1.8	999.9	99.9	99.9	99.9	289.6	312.2	4.5	71.8	999.9	999.9
11.2	36.2	3061.4	700.0	0.1	-3.4	999.9	99.9	99.9	99.9	302.4	314.5	4.4	75.4	999.9	999.9
12.3	38.9	3352.2	675.0	-1.7	-3.1	999.9	99.9	99.9	99.9	303.6	316.7	4.5	89.9	999.9	999.9
13.3	41.6	3652.5	650.0	-3.0	-4.4	999.9	99.9	99.9	99.9	305.6	317.9	4.3	90.2	999.9	999.9
14.4	44.3	3962.5	625.0	-4.8	-5.8	999.9	99.9	99.9	99.9	307.0	318.6	4.0	92.9	999.9	999.9
15.5	47.1	4283.1	600.0	-6.4	-7.4	999.9	99.9	99.9	99.9	308.7	319.5	3.7	92.4	999.9	999.9
16.7	50.0	4615.1	575.0	-8.1	-9.1	999.9	99.9	99.9	99.9	310.5	320.5	3.3	92.5	999.9	999.9
18.0	52.8	4960.2	550.0	-9.4	-10.4	999.9	99.9	99.9	99.9	313.0	322.5	2.1	92.1	999.9	999.9
19.3	55.6	5316.9	525.0	-11.9	-13.3	999.9	99.9	99.9	99.9	314.1	322.5	2.6	88.6	999.9	999.9
20.9	58.9	5691.1	500.0	-14.0	-15.5	999.9	99.9	99.9	99.9	316.0	323.1	2.3	86.1	999.9	999.9
22.5	62.0	6078.7	475.0	-16.8	-18.1	999.9	99.9	99.9	99.9	317.2	322.9	1.8	82.2	999.9	999.9
24.0	65.3	6482.6	450.0	-20.7	-28.4	999.9	99.9	99.9	99.9	317.2	320.0	0.8	50.7	999.9	999.9
25.5	68.5	6901.9	425.0	-24.3	-35.3	999.9	99.9	99.9	99.9	317.8	318.0	0.0	3.4	999.9	999.9
26.9	71.9	7343.2	400.0	-25.0	-40.9	999.9	99.9	99.9	99.9	322.5	325.0	0.7	59.0	999.9	999.9
28.6	75.4	7811.1	375.0	-26.7	-46.9	999.9	99.9	99.9	99.9	325.3	328.9	99.9	99.9	999.9	999.9
30.6	79.0	8280.0	350.0	99.9**	99.9	999.9	99.9	99.9	99.9	328.9	332.9	99.9	99.9	999.9	999.9
32.9	82.8	8760.0	325.0	99.9**	99.9	999.9	99.9	99.9	99.9	330.4	333.9	99.9	99.9	999.9	999.9
35.1	86.7	9240.0	300.0	99.9**	99.9	999.9	99.9	99.9	99.9	330.4	333.9	99.9	99.9	999.9	999.9
37.5	90.8	9720.0	275.0	-44.8	-49.9	999.9	99.9	99.9	99.9	334.4	333.9	99.9	99.9	999.9	999.9
40.2	95.2	99.9	250.0	-55.5	-60.4	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
43.5	99.8	99.9	225.0	-60.4	-61.5	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
46.8	105.0	99.9	200.0	-61.5	-61.5	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
50.5	116.3	99.9	175.0	-64.0	-64.0	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
54.6	127.7	99.9	150.0	-62.8	-62.8	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
59.4	130.0	99.9	125.0	-63.9	-63.9	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
64.8	138.7	99.9	100.0	-64.2	-64.2	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
71.9	148.5	99.9	75.0	-59.3	-59.3	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
81.3	159.0	99.9	50.0	-54.1	-54.1	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9
95.1	159.0	99.9	25.0	-54.1	-54.1	999.9	99.9	99.9	99.9	337.2	333.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS

27 MARCH 1982  
1406 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/AG	RH PCT	RANGE NM	AZ DG
0.0	0.0	184.1	999.5	4.9	4.9	120.0	4.5	-3.9	2.2	278.1	291.9	5.4	100.0	0.0	0.0
99.9	99.9	100.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	0.9	385.5	975.0	2.6*	1.9	102.0	10.5	-10.3	2.2	277.8	289.3	4.5	95.4	0.4	260.
1.5	10.5	595.4	950.0	1.5	0.8	108.6	12.6	-11.9	2.2	278.7	289.7	4.3	95.2	0.9	275.
2.4	12.8	810.9	925.0	2.4	1.7	119.1	12.1	-10.8	5.9	281.6	294.0	4.7	95.1	1.5	284.
3.3	15.2	1032.4	900.0	1.6	0.8	131.5	10.4	-7.8	6.9	286.2	285.0	4.5	94.6	2.1	289.
4.2	17.5	1280.1	875.0	2.2	1.4	166.7	9.2	-2.1	8.9	286.1	298.9	4.9	94.2	2.5	296.
5.2	19.9	1495.0	850.0	3.4	2.5	208.2	9.6	4.2	8.6	289.7	304.1	5.4	94.0	2.8	307.
6.2	22.4	1738.3	825.0	4.6	3.7	227.2	13.0	9.5	8.8	293.4	309.7	6.1	93.9	2.8	320.
7.3	24.8	1989.8	800.0	5.1	4.3	242.6	17.1	15.2	7.9	298.6	314.3	6.5	94.1	2.9	341.
8.3	27.2	2249.2	775.0	4.0	3.1	254.7	16.5	15.9	4.3	298.1	315.1	6.2	94.1	3.1	0.
9.3	29.6	2515.4	750.0	2.0	1.1	261.0	14.4	14.3	2.3	298.8	314.2	5.6	94.0	3.4	16.
10.2	32.3	2788.5	725.0	-0.0	-1.5	266.0	14.2	14.1	-0.1	299.4	312.7	4.7	89.5	3.8	27.
11.3	34.9	3089.2	700.0	-1.4	-2.9	270.6	15.3	15.3	-0.1	300.9	313.4	4.4	89.4	4.3	37.
12.5	37.4	3359.1	675.0	-2.5	-3.8	273.1	18.2	18.2	-1.0	302.9	315.2	4.3	90.5	5.1	49.
13.9	40.1	3657.8	650.0	-4.3	-5.6	269.9	20.0	20.0	0.0	304.1	315.3	3.9	90.5	6.3	59.
15.3	42.8	3968.9	625.0	-5.4	-6.4	259.4	19.5	19.2	3.6	306.3	317.4	3.8	92.9	7.9	65.
16.8	45.6	4286.6	600.0	-7.4	-8.5	252.8	19.9	19.0	5.9	307.5	317.5	3.4	92.2	9.4	66.
17.9	48.3	4617.2	575.0	-9.3	-10.4	252.1	20.2	19.3	6.2	309.1	318.1	3.0	92.0	11.0	67.
19.0	51.2	4959.9	550.0	-11.4	-12.7	253.3	20.2	19.4	5.8	310.5	318.5	2.6	90.5	12.3	68.
20.2	54.1	5315.3	525.0	-13.7	-15.4	254.8	18.2	17.5	4.8	311.9	318.7	2.2	87.5	13.7	69.
21.6	57.1	5684.1	500.0	-18.0	-25.3	263.5	21.0	20.9	2.4	311.1	314.3	1.0	53.0	15.5	69.
23.3	60.3	6088.4	475.0	-17.5	-36.9	272.2	27.1	27.1	-1.0	318.3	317.5	0.3	18.4	17.4	72.
24.5	63.4	6471.3	450.0	-20.1	-39.5	274.4	30.5	30.4	-2.3	318.0	318.9	0.3	15.8	19.5	74.
26.2	66.7	6893.2	425.0	-22.2	-38.2	275.3	35.1	35.1	-3.3	320.6	323.6	0.9	58.4	22.4	77.
27.8	70.0	7337.0	400.0	-24.5	-32.6	278.6	38.6	38.4	-5.8	323.2	325.3	0.6	48.7	26.0	80.
29.6	73.5	7804.4	375.0	-27.6	-35.3	273.9	44.8	44.3	-6.7	325.1	326.9	0.5	47.3	30.0	83.
31.3	77.1	8297.0	350.0	-31.3	-39.2	273.9	50.4	50.3	-3.5	326.5	327.8	0.4	45.5	34.9	84.
32.8	80.7	8818.8	325.0	-34.4	-40.5	270.5	53.2	53.2	-0.5	329.3	330.5	0.3	45.5	39.8	85.
34.8	84.6	9372.7	300.0	-39.4	-46.1	271.0	55.1	55.1	-0.9	329.8	330.6	0.2	48.2	46.1	86.
36.8	88.7	9961.8	275.0	-44.8	-51.9	273.7	52.4*	52.3	-3.4	330.4	330.6	99.9	99.9	52.5	87.
38.8	93.0	10591.8	250.0	-50.0	-59.9	278.1	50.4*	50.2	-6.5	331.8	330.9	99.9	99.9	59.3	89.
41.1	97.6	11274.2	225.0	-54.6	-67.3	284.7	57.3*	55.4	-14.5	334.9	333.9	99.9	99.9	67.1	89.
43.7	102.4	12017.4	200.0	-60.8	-77.6	283.7	67.6*	65.8	-15.5	336.4	339.3	99.9	99.9	76.4	91.
46.5	107.8	12841.9	175.0	-61.7	-89.9	282.9	64.5*	62.9	-14.4	348.2	359.9	99.9	99.9	88.1	93.
49.6	113.5	13790.4	150.0	-64.2	-99.9	283.5	53.5*	52.0	-12.5	359.5	366.0	99.9	99.9	98.2	94.
53.4	120.0	14908.6	125.0	-60.2	-99.9	291.2	48.5*	45.2	-9.8	386.0	399.9	99.9	99.9	110.1	95.
57.8	127.3	16287.9	100.0	-62.2	-99.9	296.4	22.1*	19.8	-7.5	407.6	399.9	99.9	99.9	119.0	97.
63.8	136.0	18038.8	75.0	-65.2	-99.9	292.9	16.8*	15.5	-6.5	436.3	399.9	99.9	99.9	123.5	97.
72.1	148.3	20535.7	50.0	-59.9	-99.9	325.3	9.3*	5.3	-7.6	502.4	399.9	99.9	99.9	124.6	98.
85.0	158.0	24914.1	25.0	-52.7	-99.9	359.9	99.9*	99.9	99.9	633.2	399.9	99.9	99.9	127.4	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO. 9 HEWITT, TEXAS 27 MARCH 1982 1726 GMT														159	16.0	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	6.7	184.1	999.8	6.0	5.9	110.0	1.8	-1.7	0.8	279.2	293.9	5.8	99.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	
1.0	9.1	388.6	975.0	3.0	2.6	70.2	7.2	-6.7	-2.4	278.2	290.2	4.7	96.9	0.3	246.	
1.9	11.5	588.9	950.0	2.1	1.4	85.6	8.4	-8.4	-0.6	279.3	290.6	4.5	95.2	0.7	253.	
2.9	13.9	814.1	925.0	1.3	-1.1	101.7	9.7	-9.5	2.0	280.6	290.6	3.8	84.2	1.2	262.	
3.8	16.3	1035.4	900.0	2.1	-0.8	116.7	9.0	-8.0	4.0	283.6	294.2	4.0	81.1	1.8	271.	
4.9	18.8	1263.2	875.0	2.3	-1.3	134.1	8.0	-5.8	5.6	286.2	296.8	4.0	77.2	2.2	278.	
6.0	21.3	1497.7	850.0	2.4	-1.8	157.9	7.2	-2.7	6.7	288.7	299.4	4.3	73.7	2.6	286.	
7.0	23.8	1739.5	825.0	3.0	-0.4	193.4	9.1	2.1	8.9	291.8	303.5	4.0	74.7	2.8	295.	
7.9	26.3	1999.5	800.0	4.3	0.4	225.3	12.8	9.1	9.0	295.8	309.4	4.9	75.6	2.8	307.	
8.9	28.9	2248.5	775.0	4.6	0.8	243.3	17.4	15.5	7.8	298.8	313.4	5.3	76.6	2.8	327.	
9.9	31.4	2511.8	750.0	3.4	-0.2	250.1	18.2	17.2	6.2	300.3	314.5	5.1	77.2	2.8	351.	
11.1	34.0	2790.4	725.0	2.1	-1.4	254.4	17.0	16.3	4.6	301.7	315.2	4.8	77.6	3.0	15.	
12.3	36.8	3073.1	700.0	0.1	-3.5	255.4	15.4	14.6	3.9	302.6	314.7	4.4	78.6	3.7	30.	
13.2	39.4	3364.7	675.0	-0.3	-3.5	252.7	15.3	13.7	4.5	305.3	317.9	4.4	78.8	4.4	38.	
14.2	42.1	3666.3	650.0	-3.1	-6.4	246.3	15.0	13.7	6.0	305.5	316.1	3.6	77.8	5.2	44.	
15.3	44.9	3976.4	625.0	-4.6	-8.3	237.7	15.7	13.3	8.4	307.2	316.8	3.3	75.3	6.1	46.	
16.3	47.8	4286.4	600.0	-8.1	-12.3	239.9	16.3	14.1	8.2	306.8	314.2	2.5	71.2	7.1	48.	
17.5	50.7	4633.2	575.0	-14.2	-19.9	249.0	17.9	16.7	6.4	303.4	307.6	1.4	61.9	8.2	50.	
18.7	53.7	4959.5	550.0	-15.8	-22.7	257.8	19.0	18.6	4.0	305.4	308.9	1.1	55.1	9.4	53.	
19.9	56.6	5290.2	525.0	-17.5	-25.1	265.3	22.2	22.1	1.8	307.4	310.5	0.9	51.3	10.8	57.	
21.1	59.8	5674.0	500.0	-18.3	-26.5	270.9	26.9	26.9	-0.4	310.7	313.5	0.9	48.3	12.4	61.	
22.5	62.9	6057.0	475.0	-18.5	-27.1	272.2	28.9	28.9	-1.1	315.1	317.9	0.9	46.4	14.4	66.	
23.8	66.1	6459.0	450.0	-20.3	-29.2	269.4	31.3	31.3	0.3	317.8	320.3	0.8	44.6	16.6	70.	
25.2	69.4	6880.7	425.0	-22.5	-31.3	268.7	34.2	34.2	0.8	320.2	322.4	0.6	44.0	19.1	72.	
26.8	73.0	7324.1	400.0	-24.3	-32.4	271.5	37.6	37.6	-1.0	323.4	325.6	0.4	42.7	22.4	75.	
28.4	76.5	7791.7	375.0	-27.7	-36.5	276.8	40.3	40.0	-4.7	324.9	326.5	0.4	42.0	25.0	78.	
30.0	80.1	8284.0	350.0	-31.3	-39.8	277.4	44.9	44.5	-5.6	326.5	327.8	0.3	42.7	29.7	80.	
31.9	83.9	8805.0	325.0	-35.0	-41.6	272.6	53.9	53.9	-2.4	328.5	329.5	0.3	50.4	35.4	83.	
33.9	87.5	9358.6	300.0	-39.2	-45.9	271.2	53.5	53.5	-1.1	330.2	330.9	0.2	48.3	41.9	84.	
36.0	92.0	9949.6	275.0	-43.5	-49.9	272.0	53.8	53.8	-1.9	332.3	333.9	99.9	99.9	48.7	85.	
38.4	96.5	10584.0	250.0	-48.5	-53.9	276.2	57.4*	57.4*	-6.2	333.9	334.9	99.9	99.9	56.2	86.	
40.6	101.2	11268.0	225.0	-53.9	-57.4*	280.4	63.1*	63.1*	-11.4	336.0	337.5	99.9	99.9	64.6	88.	
43.3	106.2	12013.3	200.0	-60.2	-63.1*	279.8	53.4*	53.4*	-9.1	337.5	338.5	99.9	99.9	73.2	89.	
46.1	111.6	12853.7	175.0	-67.1	-69.9	280.7	50.8*	49.9	-9.4	338.5	339.5	99.9	99.9	81.9	91.	
49.1	117.5	13818.4	150.0	-61.0	-63.1	278.7	48.0*	47.4	-7.2	339.5	340.5	99.9	99.9	90.8	91.	
52.6	124.2	14942.2	125.0	-63.4	-69.9	284.6	53.6*	51.8	-13.1	340.5	341.5	99.9	99.9	102.1	92.	
56.7	131.7	16323.3	100.0	-60.8	-63.1	298.5	27.5*	24.2	-8.0	437.5	438.5	99.9	99.9	111.8	94.	
61.9	140.3	18088.8	75.0	-64.6	-69.9	299.9	16.1*	13.6	-6.0	504.4	505.4	99.9	99.9	115.5	94.	
69.1	150.0	20586.7	50.0	-59.0	-53.9	267.0	10.9*	10.9	0.6	504.4	505.4	99.9	99.9	120.2	95.	
61.1	160.3	25025.6	25.0	-52.3	-49.9	205.9	12.5	5.4	11.2	634.8	635.8	99.9	99.9	121.6	95.	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS  
27 MARCH 1982  
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	184.1	999.5	5.3	5.3	120.0	3.6	-3.1	1.8	278.5	292.7	5.6	100.0	0.0	0.0
0.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	9.2	386.2	975.0	3.0	2.9	89.1	7.9	-7.3	-2.8	278.2	290.5	4.8	98.8	0.3	254.
1.5	11.5	596.6	950.0	1.9	1.7	70.2	8.6	-8.0	-2.9	279.1	290.9	4.6	98.7	0.6	251.
2.3	13.8	811.5	925.0	0.7	0.5	86.4	9.7	-9.7	-0.6	280.1	291.2	4.3	98.0	1.1	252.
3.1	16.1	1032.5	900.0	0.3	0.2	114.3	9.6	-9.7	-0.6	283.9	296.8	4.9	97.9	1.5	251.
4.0	18.5	1260.7	875.0	0.6	2.3	138.3	7.7	-5.3	5.5	286.5	300.2	5.2	97.9	1.9	271.
4.9	20.9	1495.6	850.0	3.1	2.9	173.6	6.5	-0.7	6.5	289.4	304.2	5.5	98.0	2.1	279.
5.7	23.3	1738.1	825.0	2.9	2.6	201.9	6.8	2.5	6.3	291.6	306.6	6.1	97.9	2.1	288.
6.5	25.7	1988.1	800.0	3.6	3.4	234.1	9.5	11.0	5.6	295.0	311.5	6.0	98.3	2.0	288.
7.4	28.2	2246.2	775.0	2.0	1.7	255.2	11.3	11.0	2.9	297.0	313.4	6.0	98.3	2.0	288.
8.2	30.7	2512.0	750.0	0.7	0.5	250.1	11.8	11.1	4.0	300.2	315.5	5.5	98.1	1.4	332.
9.1	33.3	2785.5	725.0	-0.8	-1.0	250.0	12.7	12.0	4.3	301.7	316.0	5.1	98.3	1.7	17.
9.9	35.8	3067.2	700.0	-4.1	-7.5	254.7	12.9	12.4	3.4	301.1	310.4	3.2	77.3	2.3	33.
10.8	38.4	3356.2	675.0	-5.9	-7.7	261.2	13.1	12.9	3.4	301.1	310.4	3.2	77.3	2.3	33.
11.9	41.1	3653.2	650.0	-7.2	-17.3	268.4	14.7	14.7	0.9	302.3	311.9	1.6	67.0	2.3	44.
13.0	43.8	3959.4	625.0	-8.3	-19.4	289.8	15.1	15.1	0.0	306.6	310.8	1.4	40.0	2.3	53.
14.1	46.6	4277.3	600.0	-9.9	-21.1	279.9	15.8	15.7	-1.3	308.4	312.3	1.2	39.2	2.3	53.
15.3	49.4	4606.7	575.0	-11.5	-22.6	282.0	20.7	20.2	-4.3	310.4	314.0	1.1	39.4	2.3	53.
16.3	52.3	4948.3	550.0	-12.4	-23.5	284.6	26.3	25.4	-6.6	313.5	317.0	1.1	38.8	2.3	53.
17.6	55.2	5304.8	525.0	-13.8	-24.8	278.4	26.8	26.5	-3.9	315.3	319.6	1.0	38.4	2.3	53.
18.8	58.2	5677.1	500.0	-16.3	-27.2	274.8	27.2	27.1	-2.3	317.8	320.7	0.9	38.0	2.3	53.
20.1	61.3	6065.0	475.0	-19.7	-30.3	272.4	29.8	29.9	-1.3	318.5	320.8	0.7	38.2	2.3	53.
21.6	64.5	6469.4	450.0	-22.5	-32.4	274.6	33.8	33.7	-2.7	320.2	322.2	0.6	38.8	2.3	53.
23.0	67.7	6891.4	425.0	-24.9	-34.3	275.6	35.7	35.5	-3.5	322.6	324.4	0.5	41.0	2.3	53.
24.4	71.0	7334.2	400.0	-27.5	-37.3	278.8	37.5	37.1	-5.7	325.2	326.6	0.4	38.5	2.3	53.
25.9	74.4	7801.4	375.0	-31.1	-40.6	279.6	44.5	43.9	-7.4	328.6	329.2	0.3	38.2	2.3	53.
27.4	78.0	8294.1	350.0	-35.1	-44.0	274.8	49.6	49.4	-4.2	330.5	330.9	0.2	39.0	2.3	53.
28.9	81.8	8815.1	325.0	-39.0	99.9	269.4	53.3	53.3	1.8	332.9	332.9	0.2	39.9	2.3	53.
30.6	85.7	9368.7	300.0	-43.1	99.9	275.2	55.6	55.6	0.6	334.4	334.4	0.2	39.9	2.3	53.
32.4	89.7	9959.9	275.0	-48.2	99.9	279.2	62.3	62.3	-5.6	336.0	336.0	0.2	39.9	2.3	53.
34.3	94.0	10594.5	250.0	-53.8	99.9	278.5	66.3	65.4	-10.7	338.8	338.8	0.2	39.9	2.3	53.
36.3	98.6	12027.1	200.0	-58.7	99.9	278.5	60.6	60.2	-7.6	339.8	339.8	0.2	39.9	2.3	53.
38.5	103.4	12871.5	175.0	-58.6	99.9	278.5	49.0	48.4	-9.7	339.8	339.8	0.2	39.9	2.3	53.
41.0	108.8	13840.3	150.0	-60.8	99.9	284.3	39.1	37.9	-9.7	339.8	339.8	0.2	39.9	2.3	53.
44.1	114.7	14964.0	125.0	-64.2	99.9	285.2	40.4	39.0	-10.6	378.8	378.8	0.2	39.9	2.3	53.
47.3	121.2	16340.3	100.0	-62.7	99.9	285.3	37.8	36.2	-9.9	406.7	406.7	0.2	39.9	2.3	53.
51.1	128.5	18340.3	75.0	-68.3	99.9	301.9	24.1	20.5	-12.7	429.7	429.7	0.2	39.9	2.3	53.
55.8	137.0	18098.1	50.0	-59.9	99.9	307.6	5.5	4.4	-3.4	502.5	502.5	0.2	39.9	2.3	53.
62.1	148.3	20591.8	25.0	-53.5	99.9	199.6	4.2	1.4	-4.0	631.1	631.1	0.2	39.9	2.3	53.
73.1	156.5	25024.6	25.0	-53.5	99.9	199.6	4.2	1.4	-4.0	631.1	631.1	0.2	39.9	2.3	53.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS  
27 MARCH 1982  
2300 GMT

TIME MIN	ONCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMF M/SEC	V COMF M/SEC	POT T DG K	E POT T DG K	MX RTJ CM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.8	184.1	1000.5	4.9	4.5	130.0	4.5	-3.4	2.9	278.0	291.4	5.3	97.0	0.0	0.
0.1	6.9	188.1	1000.0	4.0*	99.9	92.7	10.6	-10.6	0.9	277.2	288.9	4.5	99.9	0.2	261.
0.8	9.2	393.5	975.0	2.3	1.7	90.5	11.1	-11.1	0.1	277.5	288.9	4.5	95.9	0.4	265.
1.5	11.5	803.2	950.0	1.1	0.4	86.5	12.8	-12.8	-0.8	279.3	289.0	4.2	95.0	0.9	267.
2.2	13.9	817.3	925.0	-0.2	-0.8	88.4	12.3	-12.3	-0.3	279.1	289.2	3.9	95.4	1.5	267.
3.0	16.3	1036.1	900.0	2.1	1.3	93.9	8.5	-8.5	0.6	283.6	295.9	4.7	95.0	2.0	268.
3.8	18.8	1266.2	875.0	2.6	1.8	117.5	6.1	-5.4	2.8	286.5	299.7	5.0	94.8	2.3	269.
4.7	21.2	1501.3	850.0	3.1	2.3	171.2	3.3	-0.5	3.3	289.4	303.6	5.3	94.4	2.5	274.
5.6	23.7	1743.8	825.0	3.1	2.3	234.9	2.5	2.1	1.5	291.9	308.6	5.5	94.4	2.5	278.
6.5	26.2	1993.5	800.0	3.0	2.2	297.9	5.6	5.0	-2.6	294.3	309.5	5.2	94.4	2.3	275.
7.4	28.8	2250.4	775.0	1.5	0.7	297.5	5.8	5.1	-2.7	295.4	309.7	5.2	94.4	2.0	270.
8.3	31.4	2514.2	750.0	0.0	-1.6	281.4	7.7	7.5	-1.5	296.6	309.3	4.5	88.7	1.7	267.
9.3	34.0	2785.2	725.0	-1.2	-9.5	99.9	99.9	99.9	99.9	298.2	305.6	2.6	53.0	1.2	262.
10.2	36.5	3058.6	700.0	-0.9	-14.7	99.9	99.9	99.9	99.9	301.6	305.8	1.7	34.1	99.9	99.9
11.3	39.2	3354.6	675.0	-2.9*	99.9	99.9	99.9	99.9	99.9	302.4	305.8	99.9	99.9	99.9	99.9
12.3	41.9	3652.2	650.0	-4.8*	99.9	99.9	99.9	99.9	99.9	303.5	305.7	99.9	99.9	99.9	99.9
13.4	44.7	3959.4	625.0	-8.9*	-34.1	99.9	99.9	99.9	99.9	305.9	307.0	0.3	10.2	99.9	99.9
14.5	47.4	4278.6	600.0	-8.8	-37.7	99.9	99.9	99.9	99.9	307.8	308.5	0.3	10.2	99.9	99.9
15.7	50.3	4605.0	575.0	-10.6	-37.4	288.8	14.5	13.8	-4.2	311.7	312.7	0.3	8.6	3.2	113.
17.0	53.3	4946.6	550.0	-10.4	-37.4	288.3	20.6	19.6	-6.5	315.6	316.5	0.2	7.8	6.3	110.
18.3	56.3	5304.8	525.0	-10.7	-38.9	285.5	25.7	24.8	-6.9	317.0	317.5	0.2	7.8	8.5	108.
19.6	59.3	5678.3	500.0	-13.2	-40.6	280.6	27.3	26.8	-5.0	317.4	318.1	0.2	8.5	10.8	106.
21.0	62.4	6068.5	475.0	-16.6	-42.4	278.2	28.3	28.1	-4.1	317.8	318.9	0.1	9.3	13.4	105.
22.6	65.6	6468.7	450.0	-20.2*	99.9	277.8	32.1	31.8	-4.4	318.8	319.3	0.1	9.3	16.0	104.
23.9	68.9	6890.6	425.0	-23.5	-47.1	278.7	33.6	33.3	-4.8	318.8	319.3	0.1	9.4	18.8	103.
25.4	72.3	7331.8	400.0	-25.5	-48.5	277.2	34.0	33.8	-4.3	321.9	322.3	0.1	9.8	22.8	102.
27.0	75.9	7798.6	375.0	-27.7	-50.0	282.2	41.0	40.1	-8.7	324.9	325.8	0.1	10.2	28.7	102.
28.7	79.4	8290.3	350.0	-32.1	-53.1	282.0	45.2	44.3	-9.4	325.5	327.5	0.1	11.0	31.4	102.
30.3	83.3	8809.4	325.0	-35.9	-55.6	274.3	51.3	51.2	-3.9	327.2	327.5	0.1	99.9	33.7	100.
32.0	87.2	9360.6	300.0	-40.2	99.9	270.3	52.3	52.8	-3.7	328.7	329.9	99.9	99.9	42.3	99.
33.9	91.3	9948.9	275.0	-44.6	99.9	274.1	52.3	52.2	-3.7	330.7	330.9	99.9	99.9	50.3	98.
36.2	95.7	10581.3	250.0	-49.0	99.9	277.1	58.4	57.9	-7.2	333.3	333.3	99.9	99.9	58.8	98.
38.8	100.4	11264.1	225.0	-54.7	99.9	277.3	82.3*	81.8	-7.9	334.6	334.6	99.9	99.9	68.8	98.
41.4	105.4	12011.1	200.0	-57.2	99.9	277.0	50.6*	50.2	-6.1	342.2	342.2	99.9	99.9	78.8	98.
44.3	110.8	12856.1	175.0	-59.2	99.9	278.2	51.3*	50.7	-7.3	356.0	356.0	99.9	99.9	88.2	98.
47.6	116.5	13826.7	150.0	-61.8	99.9	283.8	50.6*	49.1	-12.0	368.2	368.2	99.9	99.9	97.6	99.
51.7	123.2	14956.1	125.0	-64.8	99.9	282.8	37.2*	36.2	-8.2	377.7	377.7	99.9	99.9	108.0	100.
56.5	130.7	16320.4	100.0	-63.0	99.9	284.1	31.3*	30.4	-7.6	406.1	406.1	99.9	99.9	116.4	100.
62.5	139.0	18077.4	75.0	-67.2	99.9	313.5	17.3*	16.6	-11.9	432.1	432.1	99.9	99.9	127.9	100.
71.1	148.7	20568.4	50.0	-60.2	99.9	287.4	10.5*	10.5	-10.5	501.7	501.7	99.9	99.9	137.9	100.
85.1	159.0	24968.2	25.0	-52.5	99.9	161.8	11.5	-3.6	10.9	533.7	533.7	99.9	99.9	147.9	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS

28 MARCH 1982  
205 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	184.1	1003.5	3.8	3.8	130.0	3.6	-2.8	2.3	278.5	289.0	4.9	100.0	0.0	0.0
0.1	6.8	212.5	1000.0	3.2	99.9	103.5	7.8	-7.8	1.8	276.3	289.9	99.9	999.9	0.1	302.
0.8	9.1	417.0	975.0	1.4	0.6	89.1	10.2	-10.2	-0.2	276.5	287.0	4.1	94.3	0.4	269.
1.5	11.5	626.0	950.0	0.1	-0.8	93.1	10.8	-10.8	0.9	277.3	287.0	4.1	93.9	0.8	270.
2.4	13.9	839.4	925.0	-1.1	-2.1	95.1	9.7	-9.7	0.9	278.2	287.4	3.6	93.0	1.3	273.
3.1	16.3	1059.5	900.0	1.9	0.9	90.6	7.6	-7.6	0.1	283.5	295.4	4.5	93.1	1.7	272.
4.0	18.7	1287.7	875.0	2.9	1.9	116.1	4.9	-4.4	2.2	289.2	300.1	5.0	92.7	2.1	273.
4.9	21.2	1522.6	850.0	2.9	1.9	112.8	2.1	-2.0	0.6	289.2	303.0	5.3	92.5	2.2	275.
5.8	23.8	1764.8	825.0	2.8	1.7	20.5	1.5	-0.5	-1.4	291.6	305.7	5.3	92.5	2.2	275.
6.8	26.2	2013.8	800.0	1.8	0.6	334.5	2.4	-2.2	-2.2	293.1	308.7	5.0	91.9	2.2	272.
7.8	28.8	2269.6	775.0	0.4	-0.6	315.2	5.4	3.8	-3.8	294.2	307.2	4.7	92.9	2.1	268.
9.0	31.4	2532.8	750.0	0.1	-4.8	307.5	8.3	8.6	-5.1	296.7	307.1	3.7	92.0	1.7	243.
9.9	34.0	2803.9	725.0	0.0	-22.8	302.5	7.5	6.3	-4.0	299.4	302.0	0.8	18.0	1.5	243.
11.0	36.7	3084.2	700.0	-1.4	-41.0	290.9	6.5	6.0	-2.3	300.9	301.4	0.1	3.0	1.1	208.
12.1	39.4	3372.7	675.0	-3.1	-49.7	278.9	6.0	6.0	-0.3	302.2	302.4	0.1	1.3	1.3	208.
12.2	42.1	3670.3	650.0	-4.6	-51.7	260.9	7.1	7.0	-1.3	303.7	303.9	0.0	1.1	1.0	185.
13.5	44.9	3978.1	625.0	-6.0	-53.4	233.5	8.4	8.2	-2.0	303.7	303.9	0.0	1.0	1.2	157.
15.7	47.7	4296.4	600.0	-8.1	-59.5	237.7	9.3	8.2	-4.3	308.8	307.0	0.1	1.9	1.8	141.
17.0	50.6	4625.7	575.0	-9.7	-50.0	233.4	10.5	8.8	-5.8	308.7	308.9	0.1	2.1	2.5	136.
18.3	53.5	4967.4	550.0	-11.7	-52.3	238.5	13.4	12.0	-8.0	310.3	310.5	0.1	1.9	2.3	132.
19.6	56.5	5322.9	525.0	-12.4	-58.2	238.7	19.5	18.5	-8.3	313.8	313.7	0.0	1.2	4.6	120.
21.2	59.6	5694.4	500.0	-14.4	-57.9	233.5	23.2	22.5	-5.4	315.5	315.8	0.0	1.2	6.8	118.
22.8	62.8	6081.0	475.0	-17.2	-59.3	232.9	24.3	23.7	-5.4	316.7	316.9	0.0	1.4	11.1	113.
24.4	66.0	6483.3	450.0	-21.0	-60.6	281.7	25.8	25.3	-3.4	316.8	316.9	0.0	1.4	13.3	111.
25.8	69.3	6903.4	425.0	-23.7	-62.4	277.1	27.3	27.1	-4.4	318.6	318.7	0.0	1.8	18.1	108.
27.5	72.7	7344.2	400.0	-28.2	-64.7	271.7	28.5	28.2	-6.6	321.0	321.1	0.0	1.8	18.9	107.
29.6	76.3	7807.9	375.0	-29.5	-64.7	231.7	33.6	32.9	-8.6	322.5	322.6	0.0	2.2	25.1	106.
31.8	79.9	8296.7	350.0	-32.8	-65.5	228.8	41.8	41.3	-8.4	324.6	324.6	0.0	2.5	30.1	104.
33.8	83.7	8814.3	325.0	-37.1	-67.7	223.9	48.7	48.5	-3.2	325.6	325.6	0.0	2.5	30.1	104.
35.8	87.7	9363.5	300.0	-40.7	-69.9	221.3	51.2	51.2	-3.2	328.1	328.1	0.0	2.5	30.1	104.
37.6	91.8	9949.9	275.0	-45.4	-69.9	223.4	52.8	52.7	-3.2	330.4	330.4	0.0	2.5	30.1	104.
40.0	96.3	10578.4	250.0	-50.9	-69.9	220.7	54.9	54.9	-2.9	332.1	332.1	0.0	2.5	30.1	104.
42.0	100.6	11255.9	225.0	-56.4	-69.9	220.7	55.7	55.7	-0.7	334.7	334.7	0.0	2.5	30.1	104.
45.4	106.0	11997.6	200.0	-58.1	-69.9	221.5	50.5*	50.4	-3.5	340.9	340.9	0.0	2.5	30.1	104.
48.6	111.4	12840.8	175.0	-58.9	-69.9	224.3	48.1*	48.0	-0.1	348.7	348.7	0.0	2.5	30.1	104.
51.8	117.2	13811.2	150.0	-58.9	-69.9	228.8	40.1*	39.8	-0.1	358.7	358.7	0.0	2.5	30.1	104.
55.6	123.7	14942.7	125.0	-63.7	-69.9	223.2	34.2*	34.2	-1.9	379.7	379.7	0.0	2.5	30.1	104.
59.8	131.3	16311.2	100.0	-63.5	-69.9	229.2	28.2*	27.8	-4.5	405.1	405.1	0.0	2.5	30.1	104.
64.9	139.7	18057.7	75.0	-67.2	-69.9	229.9	15.5*	13.5	-7.7	432.1	432.1	0.0	2.5	30.1	104.
72.4	149.3	20537.7	50.0	-60.9	-69.9	358.8	9.0*	0.2	-9.0	500.0	500.0	0.0	2.5	30.1	104.
85.5	159.7	24924.3	25.0	-53.3	-69.9	999.9	99.9	99.9	99.9	631.8	631.8	0.0	2.5	30.1	104.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS  
28 MARCH 1982  
500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.8	184.1	1003.5	4.2	2.2	120.0	3.6	-3.1	1.8	277.1	288.5	4.5	87.0	0.0	0.
0.1	7.0	212.5	1000.0	4.0*	99.9	999.9	99.9	99.9	99.9	277.2	288.5	99.9	999.9	999.9	999.9
0.8	9.3	418.0	975.0	2.4	1.4	999.9	99.9	99.9	99.9	277.5	288.6	4.4	93.4	999.9	999.9
1.7	11.7	627.5	950.0	0.7	0.1	999.9	99.9	99.9	99.9	277.9	288.3	4.1	95.8	999.9	999.9
2.4	14.1	841.3	925.5	-0.8	-1.4	99.9	14.3	-14.3	1.0	278.5	288.2	3.7	95.7	1.6	288.
3.4	16.5	1061.5	900.0	2.0	1.3	97.3	10.4	-10.3	1.3	283.6	285.6	4.7	95.7	2.3	271.
4.2	19.0	1289.9	875.0	3.9	3.2	87.4	5.3	-5.3	-0.2	287.8	302.4	5.5	95.1	2.7	270.
5.1	21.5	1525.8	850.0	3.6	2.8	101.7	2.4	-2.4	0.5	289.9	304.6	5.5	95.0	2.8	270.
6.0	24.0	1768.4	825.0	2.9	2.2	61.8	2.8	-2.4	-1.3	291.7	308.3	5.4	94.9	3.0	270.
7.0	26.4	2017.8	800.0	1.9	1.0	4.9	2.8	-0.2	-2.4	293.1	307.2	5.2	94.2	3.0	288.
7.9	29.0	2273.4	775.0	0.1	-0.7	345.5	4.5	1.1	-4.4	293.9	308.8	4.7	93.9	3.0	285.
8.8	31.6	2536.5	750.0	0.7	-8.6	318.9	10.2	6.7	-7.7	297.3	304.9	2.7	49.9	3.3	258.
9.8	34.2	2808.7	725.0	-0.0	-9.4	311.1	11.4	8.6	-7.5	299.5	307.0	2.6	49.0	2.5	244.
10.8	36.8	3089.0	700.0	-1.7	-11.8	300.4	9.9	8.5	-5.0	300.7	307.2	2.2	45.8	2.7	220.
11.8	39.6	3378.3	675.0	-2.1	-28.7	288.1	10.5	10.1	-2.9	303.4	305.1	0.5	10.8	2.1	218.
12.8	42.2	3677.3	650.0	-3.4	-27.1	277.4	11.5	11.4	-1.5	305.1	307.2	0.6	13.8	1.9	187.
13.9	45.0	3986.2	625.0	-4.7	-27.8	277.8	10.8	10.7	-1.5	307.1	309.0	0.6	13.8	1.9	174.
15.1	47.9	4308.2	600.0	-6.7	-31.1	279.6	10.2	10.0	-1.7	308.4	309.9	0.5	12.3	2.3	154.
16.3	50.8	4637.3	575.0	-8.6	-32.0	279.1	9.6	9.5	-1.5	310.0	311.5	0.5	13.0	2.7	143.
17.6	53.7	4979.9	550.0	-11.8	-34.2	278.4	10.7	10.6	-1.6	310.1	311.4	0.4	13.5	2.3	134.
18.7	56.6	5334.6	525.0	-13.5	-37.1	275.4	14.5	14.4	-1.4	312.2	313.2	0.3	11.5	4.0	128.
20.2	59.8	5705.3	500.0	-14.5	-39.3	275.8	20.1	20.0	-2.0	315.4	316.3	0.2	10.4	5.3	118.
21.4	62.8	6091.9	475.0	-17.2	-41.1	278.3	22.9	22.7	-3.2	316.7	317.5	0.2	10.4	5.8	113.
22.8	66.0	6494.7	450.0	-20.4	-43.5	278.1	24.5	24.2	-3.5	317.6	318.2	0.2	10.4	6.8	110.
24.4	69.4	6914.8	425.0	-24.2	-46.0	275.1	25.7	25.6	-2.3	318.0	318.5	0.1	11.1	11.2	107.
26.0	72.7	7353.7	400.0	-27.7	-48.0	275.9	26.6	26.6	-0.9	319.1	319.5	0.1	11.6	13.6	105.
27.6	76.3	7816.6	375.0	-29.5	-50.0	267.4	27.7	27.6	1.2	322.6	322.9	0.1	11.5	16.2	102.
29.4	79.9	8305.0	350.0	-33.4	-53.1	271.6	29.9	29.9	-0.8	323.7	324.0	0.1	11.7	19.2	100.
31.3	83.7	8820.8	325.0	-37.7	-56.1	273.7	36.7	36.6	-2.4	324.8	325.0	0.1	12.3	22.8	99.
33.2	87.6	9368.3	300.0	-41.7	-59.9	271.8	44.7	44.7	-1.4	326.5	326.9	99.9	999.9	27.5	98.
35.3	91.7	9852.1	275.0	-46.4	-64.7	270.3	48.0	48.0	-0.3	328.1	328.9	99.9	999.9	33.4	97.
37.6	96.0	10578.0	250.0	-51.4	-69.9	271.9	53.8	53.7	-1.8	329.7	329.9	99.9	999.9	40.4	96.
40.1	100.6	11255.9	225.0	-55.2	-74.9	272.0	49.8	49.7	-1.8	333.9	334.0	99.9	999.9	47.9	95.
42.8	105.5	12006.0	200.0	-55.4	-79.9	273.4	48.1	48.0	-2.9	345.0	345.0	99.9	999.9	56.3	95.
45.7	110.8	12859.2	175.0	-54.9	-84.9	273.4	48.1	48.0	-2.9	359.2	359.2	99.9	999.9	64.9	95.
49.2	116.7	13840.6	150.0	-57.2	-89.9	276.7	39.1*	38.8	-4.6	371.6	371.6	99.9	999.9	74.0	95.
52.9	123.0	14984.0	125.0	-61.4	-99.9	271.4	36.3	36.3	-0.9	383.9	383.9	99.9	999.9	82.5	95.
57.5	130.7	16370.2	100.0	-63.6	-99.9	278.5	28.8*	28.5	-4.2	404.9	404.9	99.9	999.9	90.7	94.
63.0	139.3	18124.5	75.0	-63.5	-99.9	272.7	14.4*	14.4	-0.7	431.8	431.8	99.9	999.9	98.0	95.
70.8	149.3	20613.5	50.0	-60.3	-99.9	320.7	7.4	4.7	-5.7	459.8	459.8	99.9	999.9	101.0	95.
83.0	160.3	25003.1	25.0	-51.9	-99.9	214.1	8.1	4.5	6.7	535.7	535.7	99.9	999.9	102.1	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 10 MENARD, TEXAS														142 41. 0	
27 MARCH 1982															
1137 GMT															
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	CM/KG	PCT	NM	DG
0.0	11.3	588.3	947.2	7.0	5.8	90.0	2.0	-2.0	0.0	784.5	300.4	6.1	92.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
0.8	13.4	782.4	925.0	4.5	3.4	99.9	99.9	99.9	99.9	283.9	297.7	5.3	92.4	99.9	99.9
1.7	15.9	1005.6	900.0	4.0	2.8	99.9	99.9	99.9	14.5	285.7	309.3	5.2	91.5	99.9	99.9
2.4	18.3	1235.6	875.0	5.2	4.1	189.0	14.6	2.3	16.1	289.2	304.8	5.9	92.2	1.2	34.1
3.4	20.9	1473.9	850.0	7.4	6.6	208.0	18.4	8.9	13.1	294.3	313.7	7.2	92.5	2.0	35.9
4.2	23.4	1720.3	825.0	7.0	5.5	220.8	17.3	11.3	13.1	296.4	315.1	6.9	92.8	2.8	10.0
5.2	25.9	1974.1	800.0	6.1	-0.2	241.3	12.6	11.0	6.0	301.3	311.0	4.7	95.5	3.5	19.0
6.0	28.4	2235.6	775.0	7.0	-5.2	261.9	11.9	11.9	0.4	308.8	311.0	3.4	94.9	3.5	26.0
6.9	31.0	2504.7	750.0	5.7	-5.3	282.5	12.6	12.5	-2.6	302.8	312.8	3.5	93.3	4.1	25.0
8.0	33.7	2780.9	725.0	3.1	-5.5	284.5	15.3	14.9	-3.8	304.1	313.0	4.1	97.1	4.5	49.0
8.9	36.3	3084.6	700.0	1.4	-4.1	282.1	18.3	15.9	-3.4	304.1	313.0	4.1	97.1	5.0	55.0
10.0	39.0	3356.3	675.0	-1.5	-2.7	274.7	17.9	17.9	-1.5	304.0	317.3	4.7	91.9	5.8	62.0
11.2	41.8	3657.0	650.0	-2.2	-3.3	268.1	19.4	19.3	0.6	306.5	319.8	4.8	92.5	7.1	67.0
12.3	44.8	3967.6	625.0	-4.7	-5.7	264.4	20.3	20.3	2.3	307.1	318.8	4.0	92.6	8.4	72.0
13.5	47.3	4288.2	600.0	-7.0	-9.1	263.9	21.7	21.6	2.0	308.0	317.7	3.2	95.7	9.9	74.0
14.8	50.2	4618.6	575.0	-9.6	-14.4	265.1	21.8	21.7	1.9	308.8	315.4	2.0	97.8	11.4	74.0
15.8	53.1	4960.6	550.0	-12.1	-18.7	266.0	25.8	25.8	1.8	309.7	315.7	0.0	71.0	12.9	75.0
16.9	56.1	5313.4	525.0	-15.4	-53.3	271.8	28.2	28.2	-0.9	309.9	310.1	0.0	2.2	14.5	77.0
18.2	59.3	5682.3	500.0	-14.4	-53.8	273.8	33.0	33.0	-2.2	315.5	315.7	0.0	1.9	16.8	79.0
19.7	62.4	6071.7	475.0	-14.3	-53.4	273.0	34.2	34.2	-1.8	320.2	320.4	0.1	2.0	19.8	81.0
21.3	65.5	6479.8	450.0	-14.3	-52.4	274.4	40.7	40.5	-3.1	322.0	324.0	0.6	25.8	23.2	83.0
22.6	68.9	6908.9	425.0	-19.6	-52.4	274.1	45.5	45.4	-3.2	323.8	327.9	1.2	64.4	26.8	85.0
24.4	72.3	7354.3	400.0	-22.8	-52.7	272.2	45.0	44.9	-1.8	325.4	328.2	0.8	54.1	31.6	86.0
26.5	75.7	7825.1	375.0	-25.5	-48.7	273.7	47.6	47.5	-3.1	327.8	328.4	0.2	11.9	37.3	87.0
28.8	79.4	8321.5	350.0	-29.4	-48.9	278.1	50.3*	50.0	-5.1	329.1	329.6	0.1	13.1	43.8	88.0
30.9	83.2	8845.9	325.0	-34.1	-52.8	278.8	50.4*	50.2	-5.4	329.7	330.6	0.1	13.0	50.5	89.0
33.0	87.0	9400.8	300.0	-38.4	-54.3	276.6	57.1*	56.7	-6.5	331.2	331.5	0.1	10.7	57.2	90.0
35.6	91.2	9992.9	275.0	-43.6	-59.9	277.3	57.7*	57.3	-7.4	332.2	332.9	99.9	99.9	64.7	91.0
37.9	95.5	10628.0	250.0	-49.3	-59.9	279.3	59.2*	58.4	-9.6	332.7	332.9	99.9	99.9	74.1	92.0
40.5	100.2	11307.4	225.0	-55.0	-59.9	286.5	50.3*	48.2	-14.3	334.3	334.3	99.9	99.9	82.3	93.0
43.0	105.0	12050.3	200.0	-61.1	-59.9	281.6	76.7*	74.2	-19.3	336.0	336.0	99.9	99.9	94.1	94.0
47.0	110.3	12878.7	175.0	-60.7	-59.9	283.2	36.9*	33.9	-14.5	349.8	349.8	99.9	99.9	104.9	96.0
50.5	116.9	13824.1	150.0	-65.7	-59.9	285.9	33.6*	32.2	-9.7	357.0	357.0	99.9	99.9	112.4	97.0
55.1	122.5	14929.7	125.0	-66.1	-59.9	286.9	38.3*	37.1	-9.3	375.4	375.4	99.9	99.9	123.6	97.0
60.7	130.0	16294.4	100.0	-63.5	-59.9	287.5	34.2*	32.6	-10.5	405.0	405.0	99.9	99.9	133.6	98.0
67.6	138.3	18047.4	75.0	-65.9	-59.9	283.0	33.7*	32.8	-7.6	434.8	434.8	99.9	99.9	147.1	99.0
77.2	148.0	20518.7	50.0	-61.6	-59.9	281.3	33.1*	32.4	-6.5	498.2	498.2	99.9	99.9	165.7	100.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 10 MENARD, TEXAS 27 MARCH 1982 1424 GMT														148	30.	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	10.8	588.3	949.5	7.4	6.3	90.0	1.0	-1.0	0.0	284.7	301.1	6.3	93.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.8	13.1	802.1	925.0	4.6	3.6	112.9	4.4	-4.1	1.7	284.0	298.0	5.4	93.1	0.2	275.	
1.7	15.5	1025.5	900.0	4.1	3.0	149.7	5.3	-2.7	4.6	265.7	299.6	5.3	92.9	0.4	286.	
2.8	18.0	1255.3	875.0	8.6	5.5	194.1	9.4	2.3	7.4	290.6	307.8	6.5	93.0	0.7	330.	
3.8	20.4	1493.7	850.0	6.0	4.8	227.8	11.0	8.2	7.4	292.4	309.6	6.4	92.8	1.2	358.	
4.8	22.9	1738.2	825.0	4.6	3.6	257.8	11.9	11.7	2.5	293.5	309.7	6.0	93.3	1.5	17.	
5.5	25.4	1989.1	800.0	4.2	3.6	282.8	11.3	11.0	-2.5	295.7	308.6	3.9	90.7	1.8	39.	
6.3	27.9	2247.9	775.0	5.1	-4.9	292.9	9.8	9.0	-3.8	299.3	309.1	3.4	88.2	2.0	51.	
7.4	30.3	2514.9	750.0	3.5	-5.8	292.9	9.1	8.4	-2.5	300.4	309.9	3.3	50.6	2.2	85.	
8.5	33.0	2789.1	725.0	1.7	-9.4	286.1	10.1	9.7	-2.8	301.3	308.8	2.6	43.4	2.3	74.	
9.7	35.8	3071.3	700.0	0.2	-11.0	283.4	11.9	11.6	-2.7	302.7	309.7	2.4	42.4	2.5	80.	
10.9	38.2	3381.8	675.0	-1.9	-7.5	281.3	13.7	13.4	-2.7	303.6	313.0	3.2	65.0	2.8	85.	
12.3	40.9	3680.9	650.0	-4.3	-9.2	272.2	17.0	17.0	-0.6	304.2	312.8	2.9	68.4	3.0	88.	
13.5	43.7	3970.0	625.0	-4.4	-44.2	262.6	19.7	19.5	2.5	307.5	307.9	0.1	2.7	7.0	87.	
14.8	46.4	4290.3	600.0	-6.0	-45.0	264.3	21.9	21.8	2.2	309.2	309.6	0.1	2.7	8.5	86.	
16.0	49.3	4622.0	575.0	-8.2	-45.6	269.7	23.4	23.4	0.1	310.4	310.8	0.1	3.1	10.2	86.	
17.3	52.2	4965.7	550.0	-10.0	-47.4	272.1	26.7	26.7	-1.0	312.3	312.6	0.1	2.9	12.1	87.	
18.7	55.1	5323.1	525.0	-11.5	-48.3	273.7	29.6	29.5	-1.9	314.8	314.9	0.1	2.9	14.4	88.	
20.2	58.1	5697.3	500.0	-11.9	-48.6	276.3	31.2	31.0	-3.4	318.5	318.9	0.1	2.9	17.2	89.	
21.7	61.3	6088.4	475.0	-14.2	-46.8	275.1	33.3	33.1	-3.0	320.4	320.9	0.1	4.4	20.1	90.	
23.3	64.5	6486.9	450.0	-16.4	-46.3	275.3	39.8	39.7	-3.7	322.7	324.0	0.4	18.1	23.4	91.	
24.7	67.8	6924.8	425.0	-19.0	-46.3	277.7	45.5	45.1	-6.1	324.6	327.1	0.7	36.2	27.2	92.	
26.3	71.1	7372.6	400.0	-22.8	-48.1	275.0	48.5	48.4	-4.0	325.3	328.5	0.9	62.2	31.6	92.	
28.1	74.6	7843.4	375.0	-25.0	-48.1	272.5	49.3	49.3	-2.2	326.6	330.3	0.5	36.4	36.7	93.	
29.9	78.1	8341.3	350.0	-28.5	-48.6	268.2	49.3	49.3	1.6	330.4	330.3	0.4	36.7	42.1	92.	
31.7	82.0	8868.2	325.0	-33.0	-50.3	268.6	49.4	49.4	1.2	331.3	331.7	0.1	15.5	47.9	92.	
33.6	85.9	9427.0	300.0	-36.8	-52.2	274.8	52.4*	52.2	-4.4	333.5	333.7	0.0	17.8	53.4	92.	
35.7	90.0	10024.3	275.0	-40.6	-59.9	280.0	54.4*	53.6	-9.5	336.4	339.9	99.9	99.9	60.0	93.	
37.9	94.3	10685.1	250.0	-46.4	-59.9	281.2	60.6*	59.4	-11.0	337.1	339.9	99.9	99.9	67.9	94.	
40.2	99.0	11354.2	225.0	-52.6	-59.9	282.7	68.5*	66.9	-15.0	339.2	339.9	99.9	99.9	75.5	95.	
42.7	103.8	12124.0	200.0	-58.1	-59.9	286.6	65.0*	63.4	-13.3	353.4	353.4	99.9	99.9	86.5	95.	
45.7	109.0	12937.9	175.0	-58.5	-59.9	283.9	49.9*	47.8	-9.7	353.5	353.5	99.9	99.9	97.1	96.	
48.6	114.7	13902.6	150.0	-61.5	-59.9	284.9	40.3*	39.2	-10.1	378.1	378.1	99.9	99.9	104.2	97.	
52.2	121.3	15022.2	125.0	-64.6	-59.9	289.1	39.1*	37.8	-10.1	403.5	403.5	99.9	99.9	112.5	97.	
56.6	129.0	16387.7	100.0	-64.3	-59.9	295.2	35.8*	32.3	-12.8	435.1	435.1	99.9	99.9	122.3	98.	
61.9	137.7	18153.4	75.0	-65.8	-59.9	295.2	35.8*	32.3	-12.8	503.6	503.6	99.9	99.9	134.8	99.	
69.4	148.0	20652.8	50.0	-59.4	-59.9	179.0	12.3*	-0.2	12.3	99.9	99.9	99.9	99.9	144.3	100.	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 10  
MENARD, TEXAS

27 MARCH 1982  
2316 GMT

156 10. 0

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	10.3	598.3	950.2	7.8	5.8	45.0	5.0	-3.5	-3.5	285.1	300.9	6.1	87.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	10.3	590.0	925.0	7.8*	99.9	99.9	99.9	99.9	99.9	285.1	99.9	99.9	99.9	99.9	99.9
0.9	12.6	808.7	900.0	5.4	99.9	99.9	99.9	99.9	99.9	284.8	99.9	99.9	99.9	99.9	99.9
1.7	15.0	1032.5	875.0	4.7	3.7	99.9	99.9	99.9	99.9	286.3	99.9	99.9	99.9	99.9	99.9
3.4	17.3	1282.3	850.0	4.0	3.1	99.9	99.9	99.9	99.9	288.0	99.9	99.9	99.9	99.9	99.9
4.2	22.1	1498.6	825.0	6.4	1.0	29.3	6.3	-3.2	-2.2	280.3	302.6	4.9	93.4	1.3	200.
5.1	24.6	1742.4	800.0	7.7	-4.2	1.6	6.7	-0.2	-6.7	295.4	303.4	3.4	48.7	1.4	240.
6.0	27.1	1996.0	775.0	6.0	-15.2	317.6	8.1	2.8	-6.0	299.3	303.7	1.5	17.8	1.4	234.
7.0	29.6	2524.2	750.0	4.4	-14.3	291.6	8.0	5.5	-2.2	300.2	305.1	1.8	21.5	1.5	204.
8.0	32.2	2796.5	725.0	1.3	-14.3	289.0	8.8	8.3	-2.2	300.9	306.2	1.8	25.1	1.5	204.
9.0	34.8	3080.9	700.0	2.1	-37.4	289.8	12.3	11.1	-2.2	300.9	306.2	0.2	30.7	1.7	191.
10.1	37.4	3373.9	675.0	1.0	-39.4	300.2	15.5	13.4	-2.2	304.9	306.2	0.2	33.4	1.7	191.
11.0	40.1	3676.2	650.0	-0.5	-39.6	301.4	15.8	13.5	-2.2	306.8	306.2	0.2	33.4	1.7	191.
12.2	42.8	3988.5	625.0	-2.4	-40.6	298.2	17.7	13.6	-2.2	308.4	306.2	0.2	33.4	1.7	191.
13.3	45.4	4310.7	600.0	-4.7	-42.2	291.1	19.8	18.5	-2.2	310.7	306.2	0.2	33.4	1.7	191.
14.4	48.3	4644.7	575.0	-5.7	-44.3	289.8	19.8	18.5	-2.2	313.4	306.2	0.2	33.4	1.7	191.
15.5	51.1	4992.0	550.0	-6.8	-47.3	288.4	20.0	19.2	-2.2	315.0	306.2	0.1	33.4	1.7	191.
16.9	54.1	5353.6	525.0	-8.8	-50.2	283.9	20.8	19.3	-2.2	318.6	306.2	0.1	33.4	1.7	191.
18.2	57.1	5729.2	500.0	-11.9	-51.9	279.2	21.5	21.2	-2.2	319.1	306.2	0.1	33.4	1.7	191.
19.7	60.3	6119.1	475.0	-15.3	-51.9	279.2	26.4	26.7	-2.2	321.4	306.2	0.1	33.4	1.7	191.
21.0	63.4	6525.6	450.0	-17.6	-51.9	279.2	30.0	29.7	-2.2	323.4	306.2	0.1	33.4	1.7	191.
22.6	66.6	6951.2	425.0	-20.0	-52.4	279.2	37.5	36.2	-2.2	326.1	306.2	0.1	33.4	1.7	191.
24.3	70.0	7399.2	400.0	-22.3	-55.0	284.9	44.2	43.2	-2.2	329.0	306.2	0.1	33.4	1.7	191.
26.1	73.6	7870.4	375.0	-25.8	-55.8	281.8	45.2	44.9	-2.2	332.5	306.2	0.1	33.4	1.7	191.
28.1	77.1	8368.4	350.0	-29.5	-58.9	277.0	51.9	51.4	-2.2	335.0	306.2	0.1	33.4	1.7	191.
30.0	80.9	8891.0	325.0	-33.6	-59.0	268.4	49.7	49.7	-2.2	338.6	306.2	0.1	33.4	1.7	191.
32.0	84.8	9447.0	300.0	-38.3	-62.1	268.4	50.3	50.2	-2.2	342.6	306.2	0.1	33.4	1.7	191.
33.5	89.3	10039.4	275.0	-43.2	-69.9	272.8	55.0*	54.8	-2.2	346.6	306.2	0.1	33.4	1.7	191.
35.0	93.3	10576.1	250.0	-47.9	-69.9	272.8	55.0*	54.8	-2.2	350.6	306.2	0.1	33.4	1.7	191.
37.0	98.0	11363.5	225.0	-52.8	-69.9	272.8	55.0*	54.8	-2.2	354.6	306.2	0.1	33.4	1.7	191.
39.7	102.8	12113.3	200.0	-58.6	-69.9	272.8	55.0*	54.8	-2.2	358.6	306.2	0.1	33.4	1.7	191.
42.3	108.2	12959.3	175.0	-57.2	-69.9	274.5	55.0*	54.8	-2.2	362.6	306.2	0.1	33.4	1.7	191.
45.2	114.0	13932.5	150.0	-57.3	-69.9	274.5	55.0*	54.8	-2.2	366.6	306.2	0.1	33.4	1.7	191.
48.8	120.7	15077.0	125.0	-62.1	-69.9	274.5	55.0*	54.8	-2.2	370.6	306.2	0.1	33.4	1.7	191.
52.9	128.0	16442.5	100.0	-64.1	-69.9	274.5	55.0*	54.8	-2.2	374.6	306.2	0.1	33.4	1.7	191.
57.3	137.0	18199.1	75.0	-66.7	-69.9	274.5	55.0*	54.8	-2.2	378.6	306.2	0.1	33.4	1.7	191.
62.9	147.3	20893.1	50.0	-61.3	-69.9	274.5	55.0*	54.8	-2.2	382.6	306.2	0.1	33.4	1.7	191.
70.5	158.5	25104.7	25.0	-53.5	-69.9	274.5	55.0*	54.8	-2.2	386.6	306.2	0.1	33.4	1.7	191.
82.0										631.1	999.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 10  
MENARD, TEXAS  
28 MARCH 1982  
225 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	588.3	952.3	5.6	5.5	45.0	3.0	-2.1	-2.1	282.7	288.0	5.9	99.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	10.2	608.1	950.0	5.2	4.9	52.5	4.0	-3.2	-2.4	282.5	287.2	5.7	99.9	0.0	0.0
0.9	12.5	825.1	925.0	3.1	2.1	84.2	7.5	-7.4	-0.8	282.5	295.0	4.8	99.9	0.0	0.0
1.8	14.8	1046.8	900.0	3.1	0.7	90.8	7.3	-7.3	0.1	283.3	295.0	4.5	99.9	0.0	0.0
2.8	17.2	1273.8	875.0	1.0	-0.2	85.9	7.6	-7.5	-0.5	284.9	300.0	4.2	99.9	0.0	0.0
3.7	19.5	1508.3	850.0	2.3	-0.9	85.7	6.3	-5.8	-2.6	288.6	300.0	3.1	99.9	0.0	0.0
4.7	22.1	1750.8	825.0	5.6	-10.7	11.1	3.6	-0.7	-3.5	294.6	305.5	3.1	99.9	0.0	0.0
5.8	24.6	2002.5	800.0	5.2	-5.7	328.1	3.4	1.8	-2.9	298.7	305.5	3.4	99.9	0.0	0.0
6.8	27.1	2280.9	775.0	3.1	-5.1	297.8	5.4	4.8	-2.5	297.7	305.5	3.2	99.9	0.0	0.0
7.9	29.6	2526.3	750.0	3.1	-0.2	300.5	10.9	9.4	-5.5	297.7	305.5	3.2	99.9	0.0	0.0
9.0	32.1	2799.4	725.0	1.5	-14.2	307.3	13.5	10.7	-8.2	301.1	305.5	1.8	99.9	0.0	0.0
10.1	34.7	3080.9	700.0	-0.4	-31.8	307.3	12.4	9.4	-8.1	302.0	305.5	0.4	99.9	0.0	0.0
11.5	37.3	3370.7	675.0	-1.7	-41.1	302.0	11.6	9.8	-6.1	303.7	305.5	0.2	99.9	0.0	0.0
12.7	40.0	3670.1	650.0	-3.3	-41.1	296.8	13.0	11.6	-5.8	305.3	305.5	0.2	99.9	0.0	0.0
14.1	42.7	3978.6	625.0	-6.0	-37.5	295.1	14.5	13.1	-5.1	305.6	305.5	0.2	99.9	0.0	0.0
15.6	45.4	4296.9	600.0	-7.0	-42.3	290.3	14.6	13.7	-5.1	308.0	311.3	0.1	99.9	0.0	0.0
17.2	48.3	4528.7	575.0	-7.9	-43.7	281.6	15.3	15.0	-3.1	310.8	311.3	0.1	99.9	0.0	0.0
18.6	51.1	4972.6	550.0	-9.7	-46.2	277.8	16.7	16.8	-2.3	312.6	313.0	0.1	99.9	0.0	0.0
20.3	54.1	5329.6	525.0	-12.7	-47.6	276.3	17.7	17.6	-1.9	313.2	313.0	0.1	99.9	0.0	0.0
22.0	57.1	5699.8	500.0	-15.4	-49.6	278.9	17.5	17.3	-2.7	314.3	314.6	0.1	99.9	0.0	0.0
23.7	60.1	6084.9	475.0	-18.2	-50.7	277.9	18.3	18.2	-2.5	315.4	315.7	0.1	99.9	0.0	0.0
25.8	63.4	6486.4	450.0	-21.1	-51.3	271.7	22.1	22.1	-0.6	316.7	317.0	0.1	99.9	0.0	0.0
27.7	66.6	6907.3	425.0	-22.2	-52.4	269.7	27.7	27.7	-0.9	320.6	322.2	0.1	99.9	0.0	0.0
29.7	69.9	7350.2	400.0	-25.4	-53.7	271.7	28.3	28.2	-0.9	321.9	322.2	0.1	99.9	0.0	0.0
31.8	73.4	7814.7	375.0	-28.4	-56.2	274.8	31.2	31.0	-2.6	322.8	323.0	0.0	99.9	0.0	0.0
33.6	76.9	8303.3	350.0	-33.3	-58.4	274.2	37.4	37.3	-2.7	323.9	324.0	0.0	99.9	0.0	0.0
35.8	80.7	8819.6	325.0	-37.3	-61.4	272.3	45.5	45.4	-1.8	325.2	325.4	0.0	99.9	0.0	0.0
38.4	84.5	9367.3	300.0	-41.8	-64.4	268.5	51.2	51.2	-1.3	326.5	326.5	0.0	99.9	0.0	0.0
41.1	88.5	9952.0	275.0	-45.5	-67.9	269.4	54.2	54.2	0.6	328.4	328.4	0.0	99.9	0.0	0.0
44.0	92.8	10579.2	250.0	-51.2	-69.9	269.2	49.3	49.3	0.7	329.9	329.9	0.0	99.9	0.0	0.0
47.3	97.4	11255.2	225.0	-56.6	-69.9	269.3	54.2	54.2	0.7	331.8	331.8	0.0	99.9	0.0	0.0
51.1	102.2	12001.2	200.0	-58.1	-69.9	269.7	54.8	54.8	-0.3	333.9	333.9	0.0	99.9	0.0	0.0
55.0	107.6	12849.4	175.0	-58.9	-69.9	270.8	62.2	62.2	-0.9	336.0	336.0	0.0	99.9	0.0	0.0
59.0	113.4	13817.8	150.0	-62.8	-69.9	275.4	38.8	38.8	-3.6	339.2	339.2	0.0	99.9	0.0	0.0
63.0	120.0	14953.1	125.0	-63.9	-69.9	270.3	29.8	29.8	-5.0	342.9	342.9	0.0	99.9	0.0	0.0
67.9	127.3	16323.6	100.0	-64.6	-69.9	279.1	31.2	31.0	-5.0	442.9	442.9	0.0	99.9	0.0	0.0
72.5	136.0	18058.2	75.0	-66.2	-69.9	275.1	31.2	31.1	-2.8	444.1	444.1	0.0	99.9	0.0	0.0
77.7	146.3	20533.7	50.0	-60.2	-69.9	312.5	34.7	25.6	-23.4	501.7	501.7	0.0	99.9	0.0	0.0
87.3	146.3	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE 15  
OF POOR QUALITY

STATION NO. 10  
MENARD, TEXAS

28 MARCH 1982  
600 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	588.3	954.3	4.8	4.5	99.9	99.9	99.9	99.9	281.5	285.7	5.5	99.0	999.9	99.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.1	11.1	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.9	13.5	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
1.7	15.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
2.5	18.3	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
3.3	20.8	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
4.3	23.2	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
5.2	25.8	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
6.1	28.3	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
7.1	30.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
8.0	33.5	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
9.0	36.2	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
10.1	38.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
11.0	41.6	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
12.0	44.4	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
13.1	47.3	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
14.3	50.2	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
15.3	53.1	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
16.4	56.1	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
17.8	59.3	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
19.0	62.4	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
20.4	65.5	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
21.8	68.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
23.1	72.3	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
24.7	75.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
26.4	79.6	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
28.0	83.4	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
29.8	87.4	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
31.7	91.7	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
33.9	96.2	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
36.2	100.8	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
38.7	105.8	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
41.4	111.3	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
44.3	117.2	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
47.7	123.7	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
51.3	131.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
55.9	139.5	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
62.1	149.0	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
73.4	158.7	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

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 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
27 MARCH 1962  
1405 GMT

TIME MIN	ONTOY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DEG K	E POT I DEG K	MX STO GM/KG	SH PCT	RANGE KM	AZ DEG
0.0	3.3	285.5	972.2	5.2	5.2	70.0	5.4	-5.1	-1.2	285.5	285.2	5.7	92.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.4	575.2	930.0	3.5	3.5	99.9	99.9	99.9	99.9	281.1	284.7	5.2	100.7	99.9	99.9
1.8	13.8	791.7	925.0	3.5	3.5	99.9	99.9	99.9	99.9	282.9	285.7	5.2	100.6	99.9	99.9
2.8	18.2	1015.3	900.0	4.8	4.7	99.9	99.9	99.9	99.9	285.5	289.9	5.0	98.2	99.9	99.9
3.8	18.7	1245.4	875.0	7.0	6.8	99.9	99.9	99.9	99.9	285.1	289.9	7.1	98.6	99.9	99.9
4.7	21.1	1485.0	850.0	9.5	9.2	99.9	99.9	99.9	99.9	285.1	289.9	8.0	98.7	99.9	99.9
5.6	23.5	1723.2	825.0	7.0	7.7	99.9	99.9	99.9	99.9	285.1	289.9	7.1	98.7	99.9	99.9
6.6	25.1	1987.4	800.0	7.0	6.9	99.9	99.9	99.9	99.9	285.1	289.9	7.1	98.7	99.9	99.9
7.6	26.5	2248.3	775.0	5.2	5.1	99.9	99.9	99.9	99.9	285.1	289.9	5.0	98.7	99.9	99.9
8.6	31.2	2515.9	750.0	3.7	3.2	99.9	99.9	99.9	99.9	285.1	289.9	5.0	98.7	99.9	99.9
9.6	32.8	2780.8	725.0	0.2	-0.8	99.9	99.9	99.9	99.9	285.1	289.9	4.9	98.7	99.9	99.9
10.6	38.4	3072.9	700.0	-0.2	-1.5	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
11.6	39.1	3353.7	675.0	-1.6	-2.0	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
12.1	41.9	3632.8	650.0	-2.5	-3.5	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
13.1	44.8	3912.2	625.0	-3.4	-5.0	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
14.2	47.4	4192.4	600.0	-4.0	-11.0	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
15.3	50.2	4472.6	575.0	-10.2	-12.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
16.3	52.2	4752.8	550.0	-11.6	-19.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
17.2	53.2	5032.9	525.0	-9.8	-20.6	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
18.2	55.2	5312.9	500.0	-11.3	-23.8	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
19.2	56.2	5592.9	475.0	-12.6	-28.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
20.2	58.2	5872.9	450.0	-15.9	-34.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
21.6	59.9	6152.9	425.0	-20.4	-42.6	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
22.1	59.9	6432.9	400.0	-23.4	-49.0	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
23.5	72.2	6712.9	375.0	-25.9	-55.5	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
24.5	75.2	6992.9	350.0	-28.2	-62.8	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
25.0	79.4	7272.9	325.0	-32.1	-71.1	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
26.0	82.2	7552.9	300.0	-35.1	-78.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
27.0	85.2	7832.9	275.0	-38.1	-86.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
28.0	88.2	8112.9	250.0	-41.1	-93.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
29.0	91.2	8392.9	225.0	-44.1	-101.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
30.0	94.2	8672.9	200.0	-47.1	-108.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
31.0	97.2	8952.9	175.0	-50.1	-116.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
32.0	100.2	9232.9	150.0	-53.1	-123.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
33.0	103.2	9512.9	125.0	-56.1	-131.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
34.0	106.2	9792.9	100.0	-59.1	-138.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
35.0	109.2	10072.9	75.0	-62.1	-146.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
36.0	112.2	10352.9	50.0	-65.1	-153.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
37.0	115.2	10632.9	25.0	-68.1	-161.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
38.0	118.2	10912.9	0.0	-71.1	-168.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
39.0	121.2	11192.9	0.0	-74.1	-176.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
40.0	124.2	11472.9	0.0	-77.1	-183.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
41.0	127.2	11752.9	0.0	-80.1	-191.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
42.0	130.2	12032.9	0.0	-83.1	-198.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
43.0	133.2	12312.9	0.0	-86.1	-206.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
44.0	136.2	12592.9	0.0	-89.1	-213.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
45.0	139.2	12872.9	0.0	-92.1	-221.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
46.0	142.2	13152.9	0.0	-95.1	-228.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
47.0	145.2	13432.9	0.0	-98.1	-236.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
48.0	148.2	13712.9	0.0	-101.1	-243.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
49.0	151.2	13992.9	0.0	-104.1	-251.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
50.0	154.2	14272.9	0.0	-107.1	-258.7	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9
51.0	157.2	14552.9	0.0	-110.1	-266.2	99.9	99.9	99.9	99.9	285.1	289.9	4.8	98.7	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
27 MARCH 1982  
1705 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	386.5	974.3	6.3	5.7	40.0	2.2	-1.4	-1.7	281.5	296.7	5.9	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	11.5	592.7	950.0	3.8	3.0	99.9	99.9	99.9	99.9	281.0	293.9	5.0	94.7	99.9	99.9
1.7	13.8	809.1	925.0	3.3	2.5	99.9	99.9	99.9	99.9	282.7	295.5	5.0	94.3	99.9	99.9
2.6	16.2	1032.1	900.0	4.3	3.4	99.9	99.9	99.9	99.9	285.9	300.1	5.4	94.0	99.9	99.9
3.5	18.5	1262.0	875.0	5.8*	99.9	99.9	99.9	99.9	99.9	289.3	309.9	99.9	99.9	99.9	99.9
4.5	20.9	1499.9	850.0	8.2*	99.9	99.9	99.9	99.9	99.9	294.7	317.0	99.9	99.9	99.9	99.9
5.3	23.4	1747.0	825.0	7.6	6.8	99.9	99.9	99.9	99.9	298.6	317.0	7.5	94.5	99.9	99.9
6.1	25.9	2000.5	800.0	6.5	5.6	99.9	99.9	99.9	99.9	298.1	317.0	99.9	99.9	99.9	99.9
6.8	28.3	2261.3	775.0	5.6	4.7	99.9	99.9	99.9	99.9	299.8	318.8	6.9	93.8	99.9	99.9
7.7	30.8	2529.6	750.0	4.3	3.2	99.9	99.9	99.9	99.9	301.2	319.1	6.5	93.2	99.9	99.9
8.8	33.4	2805.2	725.0	2.4	0.1	99.9	99.9	99.9	99.9	302.1	317.1	5.3	84.8	99.9	99.9
9.9	36.0	3088.3	700.0	1.1	-4.1	99.9	99.9	99.9	99.9	303.7	315.3	4.0	69.4	99.9	99.9
11.0	38.6	3379.7	675.0	-1.7	-9.0	280.3	15.6	15.4	2.6	303.8	312.3	2.9	57.6	4.1	43.
12.1	41.2	3679.4	650.0	-2.8	-27.9	259.5	19.0	18.7	3.4	305.8	307.8	0.6	12.5	5.0	50.
13.3	44.0	3989.7	625.0	-3.5	-36.6	264.8	20.6	20.5	1.9	308.4	309.3	0.3	5.6	6.3	57.
14.4	46.7	4311.3	600.0	-5.3	-37.7	267.7	21.5	21.5	0.9	310.0	310.9	0.2	5.7	7.6	62.
15.6	49.6	4644.0	575.0	-7.2	-38.6	269.0	23.0	22.9	1.2	311.6	312.4	0.2	6.0	9.0	67.
16.8	52.4	4989.0	550.0	-9.5	-40.7	273.8	23.9	23.9	0.4	312.9	313.6	0.2	5.7	10.5	70.
17.9	55.3	5347.1	525.0	-10.7	-43.3	271.9	27.2	27.1	-1.8	315.5	316.1	0.2	4.8	12.2	73.
19.1	58.4	5721.2	500.0	-12.6	-43.3	271.9	27.9	27.9	-0.9	317.7	318.2	0.2	5.5	14.2	78.
20.4	61.5	6111.3	475.0	-14.5	-44.8	271.9	30.0	30.0	-0.5	320.0	320.5	0.1	5.5	16.3	78.
21.8	64.6	6519.0	450.0	-16.9	-32.3	271.8	36.4	36.4	-1.2	322.0	324.3	0.7	30.3	19.0	80.
23.3	68.0	6946.1	425.0	-18.8	-43.0	274.1	41.3	41.2	-2.9	324.8	325.6	0.2	9.7	22.3	82.
24.7	71.3	7395.1	400.0	-22.3	-43.5	273.5	47.8	47.7	-2.9	326.1	326.8	0.2	12.5	26.0	84.
26.0	74.9	7866.0	375.0	-25.5	-31.5	271.0	50.6	50.6	-0.9	327.8	330.4	0.7	57.5	30.6	85.
28.2	78.4	8363.2	350.0	-28.8	-37.1	265.8	54.0	53.9	4.0	329.9	331.5	0.4	44.7	35.9	85.
29.8	82.3	8869.9	325.0	-32.4	-48.2	267.1	59.8	59.7	3.0	332.1	332.6	0.1	18.6	42.3	85.
31.7	86.2	9450.1	300.0	-36.2	-55.7	272.7	52.0*	51.9	-2.5	334.3	334.8	0.1	11.2	48.7	86.
33.9	90.3	10047.7	275.0	-41.4	99.9	274.8	60.2*	59.9	-5.1	335.3	335.8	99.9	99.9	55.8	87.
36.0	94.8	10686.0	250.0	-47.4	99.9	278.1	59.7*	59.1	-6.5	335.6	335.8	99.9	99.9	63.2	88.
38.4	99.4	11373.4	225.0	-53.1	99.9	281.7	57.7*	56.5	-11.7	337.1	337.1	99.9	99.9	72.3	89.
40.8	104.4	12121.9	200.0	-59.2	99.9	276.4	66.7*	66.3	-7.5	339.1	339.1	99.9	99.9	81.6	91.
43.5	109.8	12953.8	175.0	-59.2	99.9	277.0	56.7*	56.3	-6.9	352.3	352.3	99.9	99.9	89.5	91.
46.7	115.7	13915.5	150.0	-62.0	99.9	281.6	44.8*	43.8	-9.0	363.3	363.3	99.9	99.9	101.5	92.
50.4	122.3	15035.6	125.0	-64.7	99.9	284.7	42.7*	41.3	-10.8	377.8	377.8	99.9	99.9	110.7	93.
54.8	130.0	16409.5	100.0	-60.9	99.9	286.9	26.7*	25.6	-7.8	410.0	410.0	99.9	99.9	119.6	94.
60.2	138.3	18175.2	75.0	-66.5	99.9	319.8	15.5*	10.0	-11.9	433.5	433.5	99.9	99.9	126.0	94.
67.4	148.0	20672.5	50.0	-58.3	99.9	313.7	14.1*	10.2	-9.7	506.0	506.0	99.9	99.9	126.4	95.
78.9	158.3	25136.5	25.0	-50.8	99.9	399.9	99.9	99.9	99.9	639.1	639.1	99.9	99.9	126.6	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
27 MARCH 1982  
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.4	386.5	974.3	6.9	5.5	30.0	4.0	-2.0	-3.5	282.2	297.1	5.8	91.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	11.7	593.3	950.0	4.3	4.3	71.2	8.5	-8.1	-2.1	281.6	295.7	5.5	100.3	0.5	249.
1.8	14.1	810.0	925.0	2.7	3.5	79.5	8.2	-8.1	-1.5	282.1	295.1	5.0	100.3	0.7	249.
2.8	16.5	1032.2	900.0	3.5	3.5	105.0	10.0	-9.6	2.6	285.2	299.5	5.5	100.3	1.5	258.
3.8	18.9	1262.2	875.0	6.3	6.0	174.8	5.0	-0.5	4.9	290.4	308.2	7.4	98.0	1.7	268.
4.8	21.3	1500.9	850.0	7.3	7.0	248.3	5.0	5.0	2.2	293.8	313.5	7.0	97.9	1.7	273.
5.8	23.8	1746.7	825.0	6.1	5.8	268.1	5.0	5.0	0.2	295.0	313.9	7.0	97.9	1.7	277.
6.8	26.2	1998.7	800.0	4.6	3.7	274.8	4.8	4.8	-0.4	296.1	313.1	6.3	93.9	0.9	278.
7.7	28.8	2257.1	775.0	3.0	-1.1	274.5	6.7	6.6	-0.5	297.0	309.8	4.6	75.1	0.2	277.
8.9	31.3	2522.8	750.0	3.5*	-9.9	274.5	8.2	7.5	3.4	300.4	309.8	99.9	99.9	0.2	237.
9.9	33.8	2797.2	725.0	2.2*	-5.7	263.5	11.3	11.2	1.3	301.9	311.9	3.0	55.9	0.6	52.
11.1	36.3	3079.7	700.0	0.1	-8.0	273.8	10.7	10.7	-0.7	302.6	311.4	3.0	54.5	1.4	75.
12.3	39.0	3370.0	675.0	-1.7	-15.1	274.3	11.9	11.8	-0.9	303.7	309.0	1.8	35.2	2.1	82.
13.6	41.7	3659.7	650.0	-2.6	-25.7	277.9	14.3	14.2	-2.0	306.0	308.3	0.7	14.9	3.1	86.
14.9	44.4	3979.7	625.0	-4.4	-27.0	280.0	15.0	14.6	-2.6	307.5	308.6	0.7	15.0	4.3	90.
16.2	47.2	4300.4	600.0	-5.5	-28.6	282.5	16.5	16.1	-3.6	309.8	311.7	0.6	14.1	5.4	92.
17.6	50.0	4633.2	575.0	-6.9	-29.5	285.0	20.9	20.2	-5.4	311.9	313.8	0.6	14.5	6.9	95.
18.9	52.9	4978.7	550.0	-9.2	-31.6	285.8	22.7	21.8	-6.2	313.2	314.9	0.5	14.2	8.8	97.
20.4	55.9	5338.3	525.0	-9.9	-32.4	277.8	28.3	28.0	-3.9	316.5	318.2	0.5	13.9	10.9	98.
21.8	58.9	5712.4	500.0	-12.9	-34.5	275.6	27.9	27.8	-2.7	317.4	318.6	0.4	14.2	13.4	98.
23.5	62.0	6101.6	475.0	-15.8	-36.8	275.0	26.6	26.5	-2.3	318.5	319.7	0.3	14.3	16.1	97.
25.1	65.1	6507.1	450.0	-18.7	-39.2	272.8	28.6	28.6	-1.4	319.7	320.7	0.3	14.5	18.7	97.
27.0	68.5	6931.5	425.0	-20.8	-43.0	272.7	37.5	37.5	-1.7	322.3	323.4	0.3	17.7	22.5	96.
28.7	71.9	7377.2	400.0	-23.5	-45.9	275.4	42.5	42.3	-4.0	324.5	325.3	0.2	14.5	26.7	96.
30.6	75.3	7846.1	375.0	-27.2	-48.5	275.5	45.8	45.6	-4.4	327.7	328.2	0.2	14.8	31.5	96.
32.7	78.9	8339.5	350.0	-30.5	-51.1	271.1	54.8	54.8	-1.0	327.7	331.0	0.1	15.1	38.0	96.
34.8	82.6	8832.9	325.0	-33.5	-53.3	268.7	59.1*	59.0	6.9	330.5	333.1	0.1	17.0	45.0	94.
37.2	86.5	9420.5	300.0	-37.4	-53.3	268.7	59.9*	59.9	99.9	332.7	333.1	99.9	99.9	51.6	92.
39.6	90.7	10014.5	275.0	-42.5	-53.3	268.7	99.9	99.9	99.9	333.7	333.1	99.9	99.9	99.9	99.9
42.1	95.0	10651.0	250.0	-47.8	-53.3	268.7	99.9	99.9	99.9	335.0	335.0	99.9	99.9	99.9	99.9
44.8	99.5	11337.5	225.0	-54.0	-53.3	268.7	99.9	99.9	99.9	335.8	335.8	99.9	99.9	99.9	99.9
47.8	104.4	12083.4	200.0	-59.2	-53.3	268.7	99.9	99.9	99.9	339.0	339.0	99.9	99.9	99.9	99.9
51.2	109.8	12928.7	175.0	-68.9	-53.3	268.7	99.9	99.9	99.9	356.1	356.1	99.9	99.9	105.1	93.
55.1	115.7	13899.9	150.0	-80.1	-53.3	268.7	99.9	99.9	99.9	366.5	366.5	99.9	99.9	118.5	93.
59.3	122.0	15026.8	125.0	-84.1	-53.3	268.7	99.9	99.9	99.9	378.9	378.9	99.9	99.9	130.0	94.
64.4	129.3	16394.8	100.0	-82.9	-53.3	268.7	99.9	99.9	99.9	406.3	406.3	99.9	99.9	140.1	94.
70.9	138.0	18154.2	75.0	-66.3	-53.3	268.7	99.9	99.9	99.9	433.5	433.5	99.9	99.9	148.2	95.
79.8	148.0	20643.0	50.0	-60.0	-53.3	268.7	99.9	99.9	99.9	502.0	502.0	99.9	99.9	152.2	95.
93.8	158.7	25084.1	25.0	-54.2	-53.3	220.6	12.5*	8.1	9.5	629.3	629.3	99.9	99.9	152.6	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS

27 MARCH 1982  
2304 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	368.5	973.9	5.2	4.8	30.0	3.6	-1.8	-3.1	280.5	294.6	5.5	97.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	11.5	588.7	950.0	3.0	3.0	64.1	8.4	-7.5	-3.7	280.3	293.1	5.0	99.6	0.0	235.0
1.8	14.0	804.5	925.0	1.9	1.8	73.4	10.6	-10.2	-3.0	281.2	293.4	4.7	99.5	1.1	240.0
2.6	16.5	1026.0	900.0	2.6	2.5	102.0	9.3	-9.1	-1.9	284.2	297.6	5.1	99.5	1.6	248.0
3.5	18.9	1255.0	875.0	3.8	3.8	115.0	3.7	-3.4	1.9	287.7	303.0	5.8	99.7	1.8	258.0
4.3	21.4	1491.9	850.0	5.3	5.3	349.7	2.8	0.5	-2.8	291.7	309.3	6.8	99.6	1.8	258.0
5.2	23.9	1735.8	825.0	4.3	4.2	331.5	3.5	1.7	-3.1	293.1	310.0	6.3	99.7	1.8	258.0
6.3	26.5	1986.4	800.0	3.2	3.1	310.2	2.2	1.7	-1.4	294.6	310.8	6.0	99.6	1.7	245.0
7.3	29.0	2243.8	775.0	3.2	-3.7	287.0	6.2	5.9	-1.8	297.3	307.8	3.8	60.5	1.6	239.0
8.3	31.8	2510.4	750.0	3.8	-8.8	289.1	9.5	9.0	-3.1	300.7	308.4	2.6	39.0	1.3	223.0
9.3	34.2	2785.2	725.0	2.5	-11.8	283.7	10.8	10.5	-2.6	302.3	308.6	2.1	33.6	1.2	195.0
10.4	37.0	3087.8	700.0	1.2	-26.7	281.8	11.6	11.3	-2.4	303.8	305.8	0.6	10.3	1.4	181.0
11.5	39.7	3359.7	675.0	0.4	-27.5	290.4	12.2	11.5	-4.3	306.1	308.0	0.5	10.1	2.0	142.0
12.7	42.4	3661.0	650.0	-1.9	-29.1	291.7	13.5	12.6	-5.0	308.4	308.5	0.5	10.3	2.6	133.0
13.9	45.3	3971.3	625.0	-4.4	-30.7	288.2	14.5	13.8	-4.5	307.4	309.0	0.5	10.7	3.7	126.0
15.1	48.1	4291.0	600.0	-6.8	-31.5	289.5	16.2	15.3	-5.4	308.3	309.8	0.5	11.6	4.6	122.0
16.4	51.1	4622.3	575.0	-8.2	-33.1	291.0	20.2	18.8	-7.2	310.3	311.7	0.4	11.3	6.2	120.0
17.6	54.0	4963.3	550.0	-10.0	-34.6	289.9	22.7	21.3	-7.7	312.3	313.5	0.4	11.2	7.7	118.0
18.9	57.0	5324.0	525.0	-11.2	-35.8	283.0	24.0	23.7	-5.1	314.9	316.1	0.3	11.0	9.4	116.0
20.2	60.1	5698.6	500.0	-13.6	-37.6	278.4	24.5	23.7	-3.5	316.5	317.5	0.3	11.1	11.3	113.0
21.6	63.3	6084.7	475.0	-16.5	-39.7	276.6	24.0	24.3	-2.8	317.5	318.4	0.3	11.4	13.2	111.0
23.3	66.5	6489.2	450.0	-18.9	-39.3	276.0	29.0	28.9	-3.0	319.4	320.4	0.3	11.4	15.6	108.0
25.0	69.9	6914.1	425.0	-19.7	-41.5	281.9	35.1	35.4	-7.5	323.7	324.6	0.2	12.3	19.1	107.0
26.6	73.3	7361.4	400.0	-23.3	-44.7	284.1	43.6	42.3	-10.8	324.7	325.4	0.2	11.9	22.8	106.0
28.0	76.7	7830.5	375.0	-26.9	-47.2	279.9	50.1	49.4	-8.6	326.0	326.5	0.1	12.6	26.8	106.0
29.7	80.4	8324.2	350.0	-30.5	-49.6	271.9	54.0	54.0	-1.8	327.6	328.1	0.1	12.6	32.1	104.0
31.6	84.2	8847.2	325.0	-34.1	-52.7	267.3	51.7	51.7	2.4	329.7	330.1	0.1	13.1	38.0	102.0
33.5	88.1	9401.9	300.0	-38.8	-56.4	270.7	50.8	50.8	-0.6	330.7	330.9	0.1	13.4	43.5	100.0
35.4	92.2	9993.2	275.0	-43.6	-59.9	274.4	55.5	56.3	-4.3	332.1	333.0	99.9	99.9	49.2	99.0
37.5	96.7	10627.6	250.0	-48.3	-63.0	273.6	59.8*	59.7	-4.4	334.3	335.0	99.9	99.9	57.3	99.0
39.2	101.2	11312.2	225.0	-54.2	-66.9	273.3	63.0*	62.8	-4.0	335.5	336.4	99.9	99.9	64.8	98.0
42.2	106.2	12055.8	200.0	-60.9	-69.9	272.8	65.8*	65.7	-3.8	336.4	337.4	99.9	99.9	74.9	97.0
45.0	111.6	12893.6	175.0	-68.2	-72.8	272.8	58.2*	58.2	-2.6	338.5	339.5	99.9	99.9	85.3	97.0
48.1	117.2	13858.4	150.0	-60.1	-69.9	277.0	59.8*	59.4	-2.3	338.5	339.5	99.9	99.9	96.9	96.0
51.9	123.7	14889.2	125.0	-64.1	-72.8	277.0	59.8*	59.4	-2.3	338.5	339.5	99.9	99.9	106.7	97.0
56.1	131.0	16341.2	100.0	-65.2	-72.8	281.2	59.0*	58.5	-5.3	401.8	402.8	99.9	99.9	115.4	97.0
61.9	139.7	18089.8	75.0	-66.7	-72.8	305.5	9.5*	7.8	-5.5	433.1	434.1	99.9	99.9	120.4	97.0
69.4	149.3	20565.4	50.0	-61.0	-69.9	187.6	6.5*	0.8	-6.4	499.8	500.8	99.9	99.9	123.7	97.0
81.6	160.0	24954.7	25.0	-52.4	-69.9	145.6	7.4	-4.2	6.1	634.0	635.0	99.9	99.9	124.1	97.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
28 MARCH 1982  
209 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 2	386.5	976.0	3 9	3 0	60.3	2 2	-1 9	-1 1	279.0	291.5	4 9	94 0	0 0	0 0
99 9	99 9	1000.0	976.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999.9	999.9
0 0	9 3	394.9	975.0	3 8	2 9	60.7	3 1	-2 7	-1 5	278.9	290.9	4 9	94 2	0 0	346 0
0 0	11 6	805.2	950.0	1 5	1 1	67.9	11 3	-10 5	-4 2	278.8	290.0	4 4	97 0	0 0	244 0
1 7	14 0	819.7	925.0	0 3	-0 4	69.4	11 8	-11 1	-4 2	278.6	290.1	4 0	95 2	1 2	244 0
2 6	16 5	1040.6	900.0	1 8	1 3	85.7	8 8	-8 8	-0 7	283.3	295.5	4 7	96 4	1 7	247 0
3 5	18 9	1268.5	875.0	3 1	2 6	80.2	5 1	-5 0	-0 9	287.0	300.9	5 3	96 7	2 0	252 0
4 3	21 3	1504.6	850.0	4 7	4 2	43.3	4 9	-3 4	-3 6	291.1	307.3	5 1	96 9	2 3	250 0
5 1	23 8	1747.7	825.0	3 1	2 6	25.1	5 0	-2 1	-4 5	291.8	308.9	5 0	96 7	2 5	247 0
6 1	26 3	1997.1	800.0	2 5	-1 4	340.1	6 2	6 2	-5 9	293.9	308.4	4 6	96 7	2 5	241 0
7 2	28 9	2254.7	775.0	4 1	-8 5	312.4	8 6	7 4	-5 4	293.3	305.6	2 8	96 7	2 5	229 0
8 2	31 4	2520.5	750.0	2 2	-14 5	206.4	9 1	7 4	-5 4	293.0	304.5	1 9	96 7	2 5	218 0
9 2	34 0	2793.5	725.0	1 0	-23 6	289.4	9 8	7 9	-4 0	300.5	304.8	0 8	96 7	2 5	206 0
10 3	36 7	3073.0	700.0	0 2	-26 0	282.8	10 0	9 2	-3 2	302.7	305.9	0 6	96 7	2 5	192 0
11 3	39 3	3365.4	675.0	-1 5	-27 2	277.7	11 1	11 0	-2 2	304.7	305.4	0 5	96 7	2 5	178 0
12 3	42 1	3654.4	650.0	-3 8	-29 0	278.0	12 9	12 6	-1 5	307.8	308.4	0 5	96 7	2 5	166 0
13 5	44 9	3973.3	625.0	-5 0	-31 4	283.8	14 1	13 7	-3 4	307.8	309.4	0 5	96 7	2 5	152 0
14 6	47 7	4292.8	600.0	-7 2	-33 7	281.0	15 0	15 7	-3 1	310.4	311.8	0 4	96 7	2 5	142 0
15 8	50 6	4623.7	575.0	-8 2	-35 8	282.3	16 0	16 0	-4 1	312.9	314.2	0 4	96 7	2 5	134 0
17 1	53 4	4968.2	550.0	-9 5	-37 8	279.7	17 7	17 7	-3 3	314.0	315.1	0 3	96 7	2 5	127 0
18 3	56 3	5257.7	525.0	-12 0	-39 7	278.3	19 7	19 4	-3 0	315.9	317.0	0 3	96 7	2 5	122 0
19 3	59 3	5587.6	500.0	-14 0	-41 7	273.9	20 7	20 4	-3 0	318.8	318.8	0 2	96 7	2 5	117 0
21 2	62 5	6084.5	475.0	-17 1	-43 7	273.7	23 1	23 0	-1 7	318.0	317.7	0 2	96 7	2 5	114 0
22 5	65 6	6487.8	450.0	-20 1	-45 7	276.2	26 7	26 7	-1 7	318.0	317.7	0 2	96 7	2 5	111 0
24 0	69 0	6910.4	425.0	-21 0	-47 2	276.2	30 2	30 1	-3 3	318.0	317.7	0 2	96 7	2 5	108 0
25 5	72 4	7355.4	400.0	-24 6	-48 3	277.5	33 3	33 0	-5 0	318.0	317.7	0 2	96 7	2 5	105 0
27 0	75 9	7821.4	375.0	-28 6	-51 0	273.6	39 7	39 3	-5 2	318.0	317.7	0 1	96 7	2 5	102 0
28 7	79 5	8311.9	350.0	-32 2	-53 8	269.3	47 3	47 2	-3 0	318.0	317.7	0 1	96 7	2 5	104 0
30 3	83 2	8830.1	325.0	-36 1	-56 8	269.3	52 8	52 8	0 6	318.0	317.7	0 1	96 7	2 5	102 0
32 3	87 1	9380.9	300.0	-39 8	-59 9	267.3	54 9	54 8	2 6	318.0	317.7	0 1	96 7	2 5	99 0
34 4	91 2	9970.5	275.0	-44 2	-63 8	267.3	58 5	58 4	2 4	318.0	317.7	0 1	96 7	2 5	97 0
36 8	95 5	10602.0	250.0	-49 6	-67 8	266.7	58 1	58 0	3 2	318.0	317.7	0 1	96 7	2 5	96 0
39 1	100 2	11282.7	225.0	-55 4	-71 8	264.0	50 5	50 2	5 2	318.0	317.7	0 1	96 7	2 5	94 0
41 7	105 2	12027.3	200.0	-58 2	-75 8	266.8	82 4	82 3	3 7	318.0	317.7	0 1	96 7	2 5	93 0
44 7	110 5	12871.2	175.0	-57 3	-79 8	270.0	57 6	57 5	0 9	318.0	317.7	0 1	96 7	2 5	92 0
48 0	116 3	13840.3	150.0	-57 8	-83 8	273.6	46 6	46 5	-2 9	318.0	317.7	0 1	96 7	2 5	92 0
51 6	123 0	14975.7	125.0	-63 7	-87 8	271.1	33 7	33 6	-0 8	318.0	317.7	0 1	96 7	2 5	92 0
56 0	130 3	16343.8	100.0	-63 7	-91 8	271.1	31 6	31 5	-0 8	318.0	317.7	0 1	96 7	2 5	92 0
61 5	139 0	18086.1	75.0	-68 9	-95 8	245.3	12 3	12 3	5 2	404.7	404.7	0 1	96 7	2 5	93 0
69 4	149 3	20569.4	50.0	-59 9	-99 9	250.6	7 8	7 7	2 6	524.2	524.2	0 1	96 7	2 5	93 0
81 4	160 0	24956.7	25.0	-52 3	-99 9	999.9	99 9	99 9	99 9	999.9	999.9	99 9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS

28 MARCH 1982  
502 GKT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	9.0	386.5	978.0	3.5	3.1	60.0	1.8	-1.6	-0.9	278.4	290.9	4.9	97.0	0.0	0.0
00.9	99.9	411.5	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	278.4	290.9	99.9	99.9	99.9	99.9
01.1	9.3	621.6	975.0	3.1	2.6	61.3	3.8	-3.4	-1.8	278.3	290.4	4.8	96.6	0.1	320.
01.7	11.7	836.3	950.0	1.7	1.4	65.2	9.9	-9.0	-4.1	278.9	291.1	4.5	97.4	0.5	234.
02.6	14.0	1286.2	925.0	0.8	0.4	75.9	11.8	-11.4	-2.9	280.1	299.0	5.3	97.0	1.1	241.
03.5	16.5	1588.7	900.0	3.5	3.1	90.8	10.2	-10.2	0.1	285.1	299.3	5.3	94.0	1.7	250.
04.4	18.9	1286.7	875.0	2.5	1.6	90.1	6.0	-6.0	0.0	286.3	307.0	4.9	97.6	2.1	255.
05.2	21.4	1523.4	850.0	4.5	4.1	60.5	5.6	-4.9	-2.8	290.8	306.1	6.1	79.9	2.3	253.
06.1	23.9	1766.6	825.0	3.9	0.7	21.9	6.0	-2.2	-5.6	292.7	307.0	4.9	79.9	2.6	253.
07.0	26.4	2018.8	800.0	8.5	-13.2	339.8	9.9	3.4	-9.3	298.1	303.3	1.7	22.8	2.7	244.
07.9	28.9	2278.4	775.0	4.6	-9.1	335.2	12.2	5.1	-11.1	298.7	305.9	2.5	36.3	2.8	232.
08.8	31.6	2544.7	750.0	2.6	-10.4	331.8	14.0	6.6	-12.4	299.4	306.2	2.3	37.6	3.0	217.
09.8	34.1	2817.7	725.0	0.6	-18.4	323.8	13.8	8.2	-11.2	300.1	303.9	1.2	22.6	3.4	205.
10.8	36.8	3098.5	700.0	-1.0	-24.1	309.0	11.9	9.2	-7.5	301.4	303.8	0.8	15.3	3.8	194.
11.8	39.5	3388.2	675.0	-1.8	-28.3	291.9	12.0	11.1	-4.5	303.6	305.4	0.5	11.0	4.0	185.
12.8	42.1	3687.5	650.0	-3.3	-29.2	285.3	13.2	12.6	-3.5	305.2	307.0	0.5	11.3	4.2	174.
13.0	44.9	3986.2	625.0	-5.6	-32.3	282.3	14.3	13.9	-3.0	306.1	307.7	0.5	12.1	4.6	163.
14.1	47.7	4314.9	600.0	-7.7	-32.2	273.1	16.5	18.5	-0.9	307.2	308.6	0.4	11.9	5.2	153.
15.3	50.6	4666.2	575.0	-9.5	-33.7	272.9	18.0	19.0	-1.0	311.2	312.5	0.4	10.1	5.9	142.
16.5	53.5	4990.9	550.0	-12.4	-35.1	272.8	20.5	20.4	-0.9	312.6	314.0	0.3	10.3	6.9	133.
17.7	56.5	5348.4	525.0	-15.1	-36.8	270.8	21.5	21.5	-0.3	313.6	314.7	0.3	10.9	8.1	126.
18.9	59.5	5719.1	500.0	-18.4	-38.8	269.6	19.9	19.9	0.1	314.6	315.5	0.3	11.1	10.8	116.
20.2	62.6	6104.4	475.0	-21.9	-41.0	271.6	20.8	20.8	-0.7	315.3	316.1	0.2	11.2	12.3	113.
21.5	65.9	6505.1	450.0	-23.2	-43.6	268.0	23.2	23.2	-0.6	315.7	316.3	0.2	11.9	14.4	110.
22.9	69.1	6924.2	425.0	-26.0	-46.7	262.6	30.3	30.2	4.2	319.3	321.7	0.1	12.3	16.9	106.
24.3	72.4	7365.9	400.0	-28.9	-49.7	266.9	32.4	32.2	99.9	322.1	322.5	0.1	12.3	19.5	102.
25.8	75.0	7829.5	375.0	-33.9	-52.6	269.9	99.9	99.9	99.9	323.1	323.4	0.1	12.3	99.9	99.9
27.4	79.6	8317.4	350.0	-37.7	-55.6	269.9	99.9	99.9	99.9	323.7	323.9	0.1	12.3	99.9	99.9
28.9	83.3	8832.6	325.0	-41.9	-59.9	265.4	99.9	99.9	99.9	324.7	324.9	0.1	12.3	99.9	99.9
30.6	87.2	9379.8	300.0	-47.2	-64.1	267.0	52.8	52.8	4.2	328.4	328.8	99.9	99.9	31.4	96.
32.5	91.4	9962.5	275.0	-52.0	-68.2	268.8	55.5	55.5	2.9	328.8	329.3	99.9	99.9	37.6	94.
34.4	95.7	10586.3	250.0	-55.2	-72.0	269.1	58.5	58.5	1.2	334.0	334.0	99.9	99.9	44.2	94.
36.6	100.2	11283.2	225.0	-58.4	-75.9	269.4	58.8	58.8	0.9	346.7	346.7	99.9	99.9	51.6	93.
39.1	105.2	12015.2	200.0	-55.1	-79.9	270.8	51.3*	51.3	0.6	359.0	359.0	99.9	99.9	60.5	92.
41.9	110.5	12869.9	175.0	-55.9	-82.5	270.4	49.2*	49.2	-0.7	373.7	373.7	99.9	99.9	78.8	92.
45.0	116.3	13550.5	150.0	-62.5	-84.1	267.3	28.9*	28.9	-1.9	381.6	381.6	99.9	99.9	87.8	92.
48.4	122.7	14394.7	125.0	-64.1	-86.2	269.6	24.7	24.7	-2.9	403.9	403.9	99.9	99.9	96.6	91.
52.9	136.7	16369.3	100.0	-68.2	-90.9	269.6	12.5*	12.5	0.1	434.2	434.2	99.9	99.9	101.6	92.
57.8	148.3	20800.2	50.0	-60.9	-99.9	99.9	99.9	99.9	99.9	500.0	500.0	99.9	99.9	105.0	92.
76.2	159.0	24977.2	25.0	-53.3	-99.9	99.9	99.9	99.9	99.9	631.5	631.5	99.9	99.9	103.5	91.

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ORIGINAL PAGE IS  
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STATION NO. 12  
COLLEGE STATION, TEXAS

27 MARCH 1982  
1154 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	179.0	1009.8	6.4	5.4	0.0	0.0	0.0	0.0	278.8	292.9	5.6	93.0	0.0	0.
0.4	6.8	158.0	1000.0	4.7*	3.9	99.9	99.9	99.9	99.9	277.8	290.7	5.1	94.7	999.9	999.
1.3	9.1	364.7	975.0	3.4	99.9	99.9	99.9	99.9	99.9	278.8	99.9	99.9	99.9	999.9	999.
2.3	11.5	575.1	950.0	2.9*	99.9	99.9	99.9	99.9	99.9	280.1	99.9	99.9	99.9	999.9	999.
3.3	13.8	790.8	925.0	2.0	-2.2	99.9	99.9	99.9	99.9	281.4	289.6	3.5	73.6	999.9	999.
4.2	16.2	1012.2	900.0	2.4	0.9	99.9	99.9	99.9	99.9	284.0	289.9	4.6	90.0	1.8	300.
5.2	18.6	1240.6	875.0	3.0	2.3	203.2	5.9	2.3	5.4	286.2	300.6	5.2	95.6	1.8	311.
6.2	21.0	1476.2	850.0	4.6	3.4	189.9	7.3	1.3	7.2	291.0	308.4	5.8	91.8	1.9	321.
7.1	23.5	1720.3	825.0	5.3	4.1	225.8	7.4	5.3	5.2	294.2	311.1	6.3	92.0	2.0	330.
8.2	26.0	1972.0	800.0	5.5	4.4	241.2	9.1	8.0	4.4	297.0	314.9	6.6	92.5	2.2	344.
9.6	28.5	2231.8	775.0	4.8	3.1	267.7	11.6	11.8	0.5	299.0	316.0	6.2	88.4	2.3	36.
10.9	31.0	2499.2	750.0	3.9	1.5	284.2	12.1	11.8	-3.0	300.9	318.7	5.7	83.8	2.5	29.
12.4	33.6	2774.3	725.0	2.0	-0.9	294.2	10.8	9.8	-4.5	301.7	315.7	5.0	81.7	2.3	35.
13.6	36.2	3057.1	700.0	0.4	-2.3	312.5	9.5	7.0	-6.4	302.9	316.1	4.6	81.7	2.3	35.
15.2	38.8	3346.5	675.0	-0.8	-3.5	339.9	9.9	9.9	99.9	304.8	317.4	4.4	81.5	999.9	999.
16.9	39.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
19.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
20.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
21.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
22.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
23.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
24.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
25.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
26.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
27.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
28.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
29.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
30.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
31.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
32.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
33.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
34.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
35.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
36.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
37.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
38.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
39.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
40.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
41.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
42.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
43.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
44.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS  
27 MARCH 1982  
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	79.0	1009.4	8.0	7.2	0.0	0.0	0.0	0.0	280.4	285.5	6.4	95.0	0.0	0.0
0.2	7.0	155.8	1000.0	5.3	99.9	122.2	10.0	-8.5	5.3	278.5	999.9	99.9	999.9	0.3	301.0
1.0	9.3	362.0	975.0	4.0	99.9	126.2	11.9	-9.6	7.0	279.2	999.9	99.9	999.9	0.3	302.0
1.9	11.6	572.6	950.0	3.2	99.9	138.0	14.7	-9.8	10.9	280.4	999.9	99.9	999.9	1.3	307.0
2.8	14.0	789.9	925.0	4.8	99.9	154.7	13.2	-5.6	11.9	284.2	999.9	99.9	999.9	2.1	314.0
3.6	16.5	1912.4	900.0	5.5	99.9	179.1	11.2	-0.2	11.2	287.1	999.9	99.9	999.9	2.6	321.0
4.4	18.8	1242.9	875.0	7.5	99.9	221.2	9.7	6.4	7.3	291.6	999.9	99.9	999.9	3.0	329.0
5.4	21.3	1481.9	850.0	8.6	99.9	266.7	18.7	10.7	0.6	295.2	999.9	99.9	999.9	2.9	339.0
6.4	23.8	1728.1	825.0	8.2	99.9	270.9	13.0	13.0	-0.2	298.5	999.9	99.9	999.9	2.7	354.0
7.5	26.2	1981.0	800.0	6.9	99.9	271.9	14.3	14.2	-1.0	299.6	999.9	99.9	999.9	2.7	360.0
8.4	28.8	2240.7	775.0	5.4	99.9	283.6	14.0	13.6	-3.3	301.1	999.9	99.9	999.9	3.5	40.0
9.3	31.3	2507.9	750.0	4.2	99.9	290.3	13.9	12.4	-6.1	303.0	999.9	99.9	999.9	3.7	53.0
10.3	33.9	2732.0	725.0	2.0	99.9	296.5	14.0	12.6	-6.3	305.5	999.9	99.9	999.9	4.9	75.0
11.4	36.5	3083.9	700.0	0.4	99.9	298.5	14.5	13.5	-5.3	307.5	999.9	99.9	999.9	6.0	82.0
12.8	39.1	3354.9	675.0	-0.1	99.9	299.8	15.8	14.9	-5.3	308.9	999.9	99.9	999.9	7.2	87.0
14.1	41.6	3685.9	650.0	-1.3	99.9	292.8	17.5	15.1	-8.6	310.5	999.9	99.9	999.9	8.5	91.0
15.4	44.5	3989.3	625.0	-3.1	99.9	288.4	17.6	15.5	-8.4	312.3	999.9	99.9	999.9	9.8	96.0
16.8	47.4	4289.1	600.0	-4.9	99.9	289.1	18.4	16.1	-8.9	314.1	999.9	99.9	999.9	11.3	99.0
18.2	50.2	4622.3	575.0	-8.6	99.9	288.5	19.8	17.4	-11.5	316.0	999.9	99.9	999.9	13.9	101.0
19.6	53.1	4988.1	550.0	-10.4	99.9	301.6	22.0	18.7	-9.9	318.4	999.9	99.9	999.9	15.6	104.0
21.0	56.1	5327.4	525.0	-12.9	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
22.3	59.0	5700.9	500.0	-15.8	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
24.1	62.1	6090.0	475.0	-18.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
26.9	65.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
29.9	69.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
32.9	73.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
35.9	77.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38.9	81.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
41.9	85.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
44.9	89.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
47.9	93.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
50.9	97.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
53.9	101.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
56.9	105.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	109.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
62.9	113.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
65.9	117.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
68.9	121.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
71.9	125.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
74.9	129.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
77.9	133.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
80.9	137.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 10  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS  
27 MARCH 1982  
2310 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR FG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	W X RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.1	79.0	1010.8	5.4	3.9	10.0	6.7	-4.3	-5.1	277.7	290.4	5.0	90.0	0.0	0.0
0.6	6.0	166.6	1000.0	3.3*	2.6	78.7	10.4	-10.2	-2.1	278.5	288.4	4.7	96.5	0.0	253
1.4	8.2	371.7	975.0	2.0	1.5	83.7	12.8	-12.7	-1.4	277.1	288.3	4.4	96.8	0.7	259
2.0	10.4	581.0	950.0	0.7	0.2	90.5	15.1	-15.1	0.1	277.9	288.5	4.1	96.6	1.3	262
2.8	12.7	794.9	925.0	-0.5	-1.1	108.8	15.2	-14.4	4.9	278.8	288.7	3.8	95.9	2.0	267
3.7	14.9	1015.4	900.0	2.4	1.7	139.6	13.5	-8.7	10.2	284.0	295.6	4.8	95.0	2.6	277
4.4	17.3	1244.3	875.0	4.2	3.4	185.1	10.1	-2.6	9.7	286.2	302.9	5.6	94.4	3.0	285
5.1	19.5	1461.3	850.0	5.6	4.9	227.6	8.4	6.2	5.7	288.2	308.3	6.4	93.6	3.0	292
6.0	21.9	1726.5	825.0	6.3	5.4	285.6	9.9	9.6	-2.7	292.2	313.7	6.8	94.2	2.0	297
6.9	24.4	1979.1	800.0	5.5	4.7	304.9	9.7	8.0	-5.6	295.2	315.4	6.7	94.6	2.0	297
7.8	26.8	2238.7	775.0	4.0	3.4	308.0	7.2	5.7	-4.4	299.0	314.2	6.3	96.0	1.6	291
8.6	29.3	2504.9	750.0	2.2	0.9	306.4	7.2	5.8	-4.3	299.0	314.2	5.5	96.0	1.2	284
9.7	31.5	2778.2	725.0	0.6	-2.9	299.1	13.3	11.6	-6.5	301.9	312.2	4.3	97.5	0.6	275
10.7	34.3	3059.4	700.0	-0.6	-8.0	342.5	10.2	3.1	-9.7	301.9	310.6	3.0	97.5	0.5	275
11.7	36.9	3349.4	675.0	-2.3	-3.1	399.9	9.9	9.9	-9.9	303.1	305.4	0.7	95.9	0.7	160
12.8	39.6	3648.4	650.0	-3.0*	-3.8	499.9	9.9	9.9	9.9	305.6	305.4	0.2	95.9	0.7	160
13.9	42.2	3958.0	625.0	-4.1	-4.5	599.9	9.9	9.9	9.9	307.8	308.3	0.2	95.9	0.7	160
15.1	44.9	4277.9	600.0	-4.1	-4.5	699.9	9.9	9.9	9.9	309.9	309.9	9.9	99.9	9.9	99.9
16.2	47.7	4597.9	575.0	-4.1	-4.5	799.9	9.9	9.9	9.9	309.9	309.9	9.9	99.9	9.9	99.9
17.6	50.5	4917.9	550.0	-4.1	-4.5	899.9	9.9	9.9	9.9	309.9	309.9	9.9	99.9	9.9	99.9
18.9	53.3	5237.9	525.0	-10.7	-10.7	999.9	9.9	9.9	9.9	315.6	316.0	0.1	99.9	9.9	99.9
20.0	56.3	5557.9	500.0	-13.3	-13.3	999.9	9.9	9.9	9.9	315.6	317.2	0.1	99.9	9.9	99.9
21.4	59.4	5877.9	475.0	-16.4	-16.4	999.9	9.9	9.9	9.9	317.6	317.2	0.1	99.9	9.9	99.9
22.8	62.5	6197.9	450.0	-19.3	-19.3	999.9	9.9	9.9	9.9	319.0	318.0	0.2	99.9	9.9	99.9
24.2	65.8	6517.9	425.0	-20.9	-20.9	999.9	9.9	9.9	9.9	322.2	322.5	0.1	99.9	9.9	99.9
25.7	69.0	6837.9	400.0	-24.0	-24.0	999.9	9.9	9.9	9.9	324.8	324.1	0.1	99.9	9.9	99.9
27.1	72.4	7157.9	375.0	-27.1	-27.1	999.9	9.9	9.9	9.9	328.8	328.0	0.1	99.9	9.9	99.9
28.7	76.0	7477.9	350.0	-31.6	-31.6	999.9	9.9	9.9	9.9	328.8	328.3	0.0	99.9	9.9	99.9
30.4	79.7	7797.9	325.0	-34.9	-34.9	999.9	9.9	9.9	9.9	328.6	328.6	0.0	99.9	9.9	99.9
32.3	83.5	8117.9	300.0	-39.0	-39.0	999.9	9.9	9.9	9.9	330.4	330.6	0.0	99.9	9.9	99.9
34.9	87.9	8437.9	275.0	-43.0	-43.0	999.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
37.9	92.9	8757.9	250.0	-46.4	-46.4	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
40.9	97.9	9077.9	225.0	-49.8	-49.8	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
43.9	102.9	9397.9	200.0	-53.2	-53.2	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
46.9	107.9	9717.9	175.0	-56.6	-56.6	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
49.9	112.9	10037.9	150.0	-59.9	-59.9	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
52.9	117.9	10357.9	125.0	-63.3	-63.3	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
55.9	122.9	10677.9	100.0	-66.7	-66.7	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
58.9	127.9	10997.9	75.0	-70.1	-70.1	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
61.9	132.9	11317.9	50.0	-73.5	-73.5	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9
64.9	137.9	11637.9	25.0	-76.9	-76.9	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS  
28 MARCH 1982  
551 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	1015.2	4.6	2.8	0.0	0.0	0.0	0.0	276.6	288.3	4.6	88.0	0.0	0.0
0.6	6.9	201.4	1000.0	3.0*	99.9	99.9	99.9	99.9	99.9	276.2	288.3	99.9	99.9	99.9	99.9
1.3	9.2	405.6	975.0	1.6	1.0	99.9	99.9	99.9	99.9	276.2	287.5	4.2	95.9	99.9	99.9
2.0	11.6	615.1	950.0	0.7	0.1	99.9	99.9	99.9	99.9	277.9	286.4	4.2	95.7	99.9	99.9
2.8	14.1	825.0	925.0	0.1	-0.7	113.6	11.1	-10.2	4.5	279.4	289.6	3.9	94.6	1.5	276.1
3.5	16.5	1031.8	900.0	5.3	4.3	99.9	8.5	-7.8	3.4	287.0	302.1	5.8	93.6	2.3	282.1
4.4	19.0	1281.8	875.0	4.3	3.4	99.9	4.6	-4.5	0.8	288.3	303.1	5.6	93.1	2.3	282.1
5.3	21.5	1518.8	850.0	5.3	4.2	78.5	2.5	-2.4	-0.5	291.7	308.0	6.1	93.1	2.3	282.1
6.2	24.1	1762.4	825.0	3.8	2.6	55.6	2.7	-2.2	-1.5	292.6	307.9	5.7	93.4	2.5	280.1
7.0	26.6	2012.5	800.0	2.7	0.8	38.6	3.1	-1.9	-2.5	294.1	307.9	5.1	93.2	2.5	277.1
7.9	29.2	2268.9	775.0	0.9	-1.1	33.2	3.3	-1.8	-2.6	294.6	307.4	4.6	93.2	2.6	274.1
8.7	31.8	2532.5	750.0	0.5	-9.2	358.6	5.4	0.1	-5.4	297.2	304.5	2.5	93.2	2.6	270.1
9.7	34.4	2804.0	725.0	-0.7	-17.6	349.0	6.7	1.7	-6.5	298.7	302.9	1.4	93.2	2.6	261.1
10.6	37.1	3083.3	700.0	-2.1	-27.4	331.3	8.7	4.2	-7.6	300.2	302.0	0.6	93.2	2.6	250.1
11.8	39.9	3372.0	675.0	-2.3	-32.2	312.2	11.0	8.2	-7.4	303.1	304.3	0.4	93.2	2.6	238.1
12.8	42.7	3671.6	650.0	-2.2	-33.3	301.3	13.4	11.4	-6.9	306.4	307.6	0.4	93.2	2.6	218.1
14.0	45.4	3981.8	625.0	-4.5	-33.3	298.3	13.5	11.9	-6.4	307.3	308.5	0.4	93.2	2.6	218.1
15.0	48.3	4301.5	600.0	-7.1	-33.8	296.7	14.9	13.3	-6.7	307.9	309.1	0.4	93.2	2.6	218.1
16.2	51.2	4633.1	575.0	-7.3	-37.2	294.5	18.1	16.4	-7.5	311.5	312.4	0.3	93.2	2.6	218.1
17.4	54.1	4978.5	550.0	-8.8	-38.9	297.4	19.8	17.6	-9.1	313.7	314.5	0.2	93.2	2.6	218.1
18.7	57.1	5337.0	525.0	-11.4	-40.6	298.1	20.2	17.7	-9.9	314.7	315.5	0.2	93.2	2.6	218.1
20.0	60.3	5708.8	500.0	-14.7	-42.6	300.9	19.9	17.0	-10.2	315.2	315.8	0.2	93.2	2.6	218.1
21.4	63.4	6095.1	475.0	-17.5	-44.6	302.3	19.0	16.1	-10.2	316.4	316.9	0.1	93.2	2.6	218.1
22.7	66.6	6497.0	450.0	-21.2	-46.8	301.4	19.2	16.4	-10.0	318.6	317.0	0.1	93.2	2.6	218.1
24.2	70.0	6915.9	425.0	-24.3	-48.8	300.2	23.9	20.7	-12.0	319.9	318.4	0.1	93.2	2.6	218.1
25.8	73.4	7357.3	400.0	-25.9	-48.2	293.1	29.4	27.1	-11.5	321.3	321.8	0.1	93.2	2.6	218.1
27.3	76.9	7831.6	375.0	-29.1	-50.2	290.9	29.3	27.4	-10.5	323.0	323.4	0.1	93.2	2.6	218.1
29.1	80.5	8310.8	350.0	-33.3	-50.9	294.0	30.8	28.2	-12.5	323.9	324.1	0.1	93.2	2.6	218.1
30.9	84.3	8827.0	325.0	-37.3	-57.0	297.4	37.0	32.9	-17.1	325.3	325.5	0.0	93.2	2.6	218.1
32.6	88.3	9374.7	300.0	-41.8	-59.9	296.9	43.4	38.7	-19.6	326.5	326.5	0.0	93.2	2.6	218.1
34.4	92.5	9957.7	275.0	-46.9	-59.9	297.9	43.5	38.4	-20.3	327.4	327.4	0.0	93.2	2.6	218.1
36.6	96.8	10582.1	250.0	-51.8	-59.9	299.1	43.4	37.9	-21.1	329.0	329.0	0.0	93.2	2.6	218.1
38.9	101.5	11280.3	225.0	-55.1	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
41.5	105.8	11980.3	200.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
44.1	109.9	12680.3	175.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
46.8	114.1	13380.3	150.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
49.5	118.3	14080.3	125.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
52.2	122.5	14780.3	100.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
54.9	126.7	15480.3	75.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
57.6	130.9	16180.3	50.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
60.3	135.1	16880.3	25.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
63.0	139.3	17580.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
65.7	143.5	18280.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
68.4	147.7	18980.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
71.1	151.9	19680.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
73.8	156.1	20380.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
76.5	160.3	21080.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
79.2	164.5	21780.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
81.9	168.7	22480.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
84.6	172.9	23180.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
87.3	177.1	23880.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
90.0	181.3	24580.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
92.7	185.5	25280.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
95.4	189.7	25980.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
98.1	193.9	26680.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1
100.8	198.1	27380.3	0.0	-59.9	-59.9	299.9	43.4	37.9	-21.1	334.1	334.1	0.0	93.2	2.6	218.1

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
FT. SILL, OKLAHOMA  
27 MARCH 1982  
1140 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	360.0	975.6	3.0	-0.6	0.0	0.0	0.0	0.0	278.1	287.8	3.7	77.0	133	0
0.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	7.5	365.0	975.0	2.3	-0.6	24.7	1.9	-0.8	-1.9	277.4	289.9	3.8	81.4	0.0	344
1.2	10.1	573.2	950.0	-0.3	-0.8	116.5	9.5	-8.5	4.2	276.9	286.7	3.8	96.1	0.5	290
2.1	12.0	786.9	925.0	-0.3	-0.8	129.5	11.7	-9.0	7.4	279.0	289.1	3.9	96.1	1.0	297
3.0	14.4	1006.3	900.0	-1.1	-1.0	138.4	13.6	-9.0	10.1	280.4	290.2	3.8	96.1	1.7	304
4.3	16.5	1230.9	875.0	-2.0	-2.5	149.9	14.7	-7.4	12.8	281.8	291.3	3.6	96.1	2.7	319
5.4	18.9	1461.3	850.0	-2.6	-3.2	159.0	14.4	-5.1	13.4	283.4	292.9	3.6	96.1	3.7	319
6.7	21.1	1698.3	825.0	-2.3	-2.9	165.3	13.9	-3.5	13.4	286.1	296.2	3.8	96.1	4.7	324
7.9	23.5	1943.0	800.0	-2.5	-3.1	182.2	10.5	1.5	10.4	288.4	298.7	3.8	96.1	5.5	325
9.1	25.8	2195.1	775.0	-2.5	-3.0	229.2	7.6	5.8	5.0	291.2	302.0	4.0	96.1	5.8	333
10.3	28.3	2455.2	750.0	-3.5	-4.0	251.2	9.1	8.0	2.9	292.8	303.3	3.8	96.1	5.8	339
11.5	30.9	2723.2	725.0	-4.0	-3.9	258.6	10.9	10.0	2.1	295.8	308.8	4.0	95.8	5.8	346
12.7	33.4	3000.9	700.0	-4.0	-4.5	261.2	11.9	11.8	1.8	298.1	309.1	3.9	95.8	5.8	352
13.8	35.9	3288.3	675.0	-4.6	-5.1	269.7	12.5	12.5	0.1	300.6	311.6	3.9	95.7	5.8	352
15.0	38.6	3585.1	650.0	-6.0	-6.0	277.9	11.8	11.7	-2.0	303.4	312.5	3.6	95.5	5.8	352
16.1	41.1	3891.0	625.0	-7.9	-9.9	281.2	10.5	10.3	-0.8	304.8	313.6	3.9	95.9	5.9	352
17.4	44.0	4206.9	600.0	-9.8	-9.9	273.4	10.4	10.4	-0.8	304.8	313.6	3.9	95.9	5.9	352
18.6	46.8	4534.4	575.0	-11.5	-9.9	251.7	11.1	10.9	1.6	306.5	315.0	3.9	95.9	5.9	352
19.9	49.8	4874.2	550.0	-13.5	-14.4	251.0	11.0	10.4	3.6	308.1	315.0	2.3	93.3	7.1	362
21.3	52.6	5227.0	525.0	-15.7	-16.8	238.8	13.6	11.0	7.0	309.6	315.0	2.0	91.6	8.0	362
22.7	55.6	5593.5	500.0	-18.6	-19.9	243.0	15.1	13.4	6.8	310.4	315.3	1.6	89.4	9.1	362
24.1	58.6	5974.0	475.0	-21.6	-19.9	251.3	15.2	14.4	4.9	311.2	315.3	1.6	89.4	10.3	362
25.6	61.9	6369.2	450.0	-25.4	-30.9	248.5	15.8	14.7	5.8	312.3	314.6	0.9	80.1	11.6	362
27.1	65.2	6781.6	425.0	-28.6	-34.9	245.1	18.3	16.6	7.7	312.3	314.6	0.7	78.9	13.0	362
28.6	68.6	7213.0	400.0	-32.3	-39.1	254.8	23.9	23.1	6.3	313.1	314.7	0.5	75.1	14.6	362
30.2	72.0	7685.5	375.0	-36.0	-43.6	266.2	36.4	36.3	3.5	317.6	316.8	0.2	75.1	17.4	362
32.2	75.7	8149.5	350.0	-40.2	-43.6	266.2	41.0	40.9	3.4	320.2	317.6	0.2	75.1	17.4	362
34.0	79.7	8659.7	325.0	-44.5	-43.6	266.2	39.1	39.0	3.4	321.3	317.6	0.2	75.1	17.4	362
36.1	83.5	9200.7	300.0	-48.3	-43.6	266.2	42.7	42.5	3.4	322.7	317.6	0.2	75.1	17.4	362
38.1	87.7	9778.8	275.0	-52.0	-43.6	266.2	45.0	44.9	3.4	322.7	317.6	0.2	75.1	17.4	362
40.3	92.2	10401.3	250.0	-55.2	-43.6	266.2	47.5	46.8	3.4	322.7	317.6	0.2	75.1	17.4	362
42.5	96.8	11078.7	225.0	-58.0	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
44.5	101.8	11830.3	200.0	-58.0	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
46.3	107.5	12680.9	175.0	-58.0	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
48.3	113.5	13656.9	150.0	-58.0	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
51.7	120.0	14807.4	125.0	-58.0	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
55.6	127.7	16203.0	100.0	-60.2	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
60.0	136.0	17979.4	75.0	-63.6	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
66.0	147.0	19999.9	50.0	-66.0	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
72.0	159.9	22999.9	25.0	-69.9	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362
78.0	174.9	26999.9	0.0	-73.9	-43.6	266.2	47.5	47.4	3.4	322.7	317.6	0.2	75.1	17.4	362

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
FT. SILL, OKLAHOMA  
27 1455 GMT 1982

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	7.9	360.0	979.9	3.0	-0.5	0.0	0.0	0.0	0.0	277.8	287.5	3.8	78.0	157	28.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.4	400.3	975.0	0.4*	99.9	101.7	5.4	-5.3	1.1	275.6	999.9	99.9	999.9	0.0	0.0
1.1	10.6	808.2	950.0	-0.5	99.9	107.5	8.2	-7.8	2.6	276.7	999.9	99.9	999.9	0.1	287.
2.0	12.9	821.6	925.0	-0.6	-1.2	118.5	11.5	-10.2	5.4	278.7	286.3	3.7	95.0	0.4	288.
2.7	15.3	1040.7	900.0	-1.3	-2.0	129.1	13.5	-10.5	8.5	280.2	288.5	3.8	95.2	0.9	289.
3.7	17.6	1265.1	875.0	-2.2	-2.9	140.3	15.4	-10.8	11.8	281.5	289.7	3.7	95.0	1.5	295.
4.6	20.1	1495.3	850.0	-2.8	-3.5	151.4	15.4	-7.3	13.5	283.2	290.9	3.5	95.9	2.3	302.
5.6	22.4	1732.2	825.0	-2.9	-3.5	170.4	11.7	-1.9	11.5	285.6	292.5	3.5	95.1	3.1	309.
6.6	25.0	1976.1	800.0	-3.1	-3.8	189.2	8.0	1.3	7.9	287.8	295.2	3.6	95.0	4.3	315.
7.6	27.4	2227.8	775.0	-3.5	-4.2	218.9	5.0	3.1	3.9	290.0	299.9	3.6	95.0	4.5	324.
8.6	30.1	2487.0	750.0	-4.1	-4.7	262.5	5.6	5.5	0.7	292.2	302.1	3.6	94.9	4.4	328.
9.6	32.8	2754.6	725.0	-4.4	-5.1	284.5	7.0	6.8	-1.8	294.7	304.7	3.6	94.8	4.2	332.
10.7	35.5	3031.8	700.0	-4.7	-5.4	296.8	8.0	7.2	-3.6	297.3	307.7	3.7	94.8	3.6	337.
11.9	38.2	3317.5	675.0	-5.9	-6.6	298.2	7.3	6.6	-3.2	299.0	308.9	3.5	94.8	3.4	342.
13.0	40.9	3613.1	650.0	-6.7	-7.5	292.7	9.2	8.4	-3.5	301.4	311.0	3.3	94.1	3.1	349.
14.2	43.9	3919.3	625.0	-7.8	-8.6	286.8	10.2	9.7	-2.9	303.6	312.9	3.2	93.6	2.8	35.
15.3	46.9	4236.2	600.0	-9.5	-10.5	276.5	10.7	10.6	-1.2	305.2	313.6	2.9	92.5	2.8	17.
16.5	50.0	4564.0	575.0	-11.6	-12.7	270.8	10.6	10.6	-0.1	308.4	313.9	2.5	91.4	2.6	31.
17.8	53.0	4903.4	550.0	-14.0	-15.3	262.7	10.5	10.4	1.3	307.5	313.9	2.1	89.7	2.6	42.
19.1	56.0	5255.3	525.0	-16.5	-17.9	259.4	10.2	10.0	1.9	308.6	314.1	1.8	88.4	2.6	49.
20.4	59.4	5620.7	500.0	-19.3	-21.0	249.2	12.8	12.0	4.5	309.8	314.1	1.4	86.3	2.6	53.
21.7	62.9	6000.1	475.0	-21.9	-24.0	239.0	14.1	12.0	7.2	310.8	314.5	1.1	83.0	2.6	55.
23.1	66.3	6335.7	450.0	-25.2	-27.5	230.1	13.9	10.7	8.9	311.6	314.4	0.9	80.6	2.4	55.
24.6	69.9	6608.3	425.0	-28.6	-31.8	234.8	14.1	11.5	8.1	312.4	314.5	0.6	73.6	2.2	54.
26.2	73.6	6898.3	400.0	-32.6	-36.0	249.9	20.6	19.3	7.1	312.6	313.6	0.4	58.4	10.0	55.
27.7	77.5	7239.1	375.0	-35.0	-40.8	260.8	31.7	31.3	5.1	317.9	318.9	0.3	46.2	15.7	55.
29.4	81.3	7692.9	350.0	-38.3	-43.5	263.2	40.5	40.2	4.8	321.1	321.9	0.2	32.9	15.7	55.
31.1	85.6	8176.4	325.0	-39.6	-45.9	263.8	41.8	41.6	4.5	322.2	321.9	99.9	99.9	19.3	59.
33.0	90.0	8688.2	300.0	-44.2	-49.9	267.3	41.0	41.0	1.9	323.1	323.1	99.9	99.9	24.3	72.
34.9	94.7	9230.1	275.0	-47.1	-53.9	270.7	45.0	45.0	-0.6	327.0	323.0	99.9	99.9	28.9	75.
36.8	99.4	9809.8	250.0	-50.9	-56.9	273.5	47.7	47.8	-2.9	330.5	323.0	99.9	99.9	34.2	77.
39.0	104.5	11119.2	225.0	-52.0	-59.9	276.4	44.2	43.9	-4.9	338.8	323.0	99.9	99.9	40.0	80.
41.4	110.2	11880.3	200.0	-53.4	-62.0	275.0	39.6	38.4	-4.1	348.5	323.0	99.9	99.9	45.1	82.
44.6	116.0	12741.0	175.0	-56.8	-65.9	275.0	37.8	37.7	-3.3	361.7	323.0	99.9	99.9	50.5	84.
47.6	122.7	13723.4	150.0	-58.8	-68.9	275.4	35.1	35.1	-3.6	372.2	323.0	99.9	99.9	55.9	85.
51.5	130.7	14878.0	125.0	-57.8	-67.9	279.0	35.5	35.1	-5.6	390.3	323.0	99.9	99.9	88.6	87.
55.8	137.7	16272.5	100.0	-61.7	-71.9	285.2	25.3	24.4	-6.6	408.5	323.0	99.9	99.9	75.8	88.
61.4	145.7	18058.5	75.0	-62.8	-73.9	296.0	17.0	15.3	-7.5	441.3	323.0	99.9	99.9	82.7	90.
68.4	154.7	20575.1	50.0	-59.2	-69.9	343.5	8.8	2.4	-8.2	504.1	323.0	99.9	99.9	85.7	92.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

C-2

STATION NO. 101  
FT. SILL, OKLAHOMA  
27 MARCH 1982  
2056 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	8.6	360.0	980.4	6.1	3.9	90.0	6.2	-6.2	0.0	280.8	294.2	5.2	86.0	0.0	0.0
99.9	99.9	1000.0	980.4	99.9	99.9	90.0	99.9	99.9	99.9	280.8	294.2	99.9	99.9	99.9	99.9
0.2	9.2	405.0	975.0	2.4	0.6	112.8	11.6	-10.7	4.5	277.6	288.1	4.1	88.1	0.3	286.
0.9	11.2	614.9	950.0	2.0	1.1	112.8	11.5	-10.6	4.5	277.6	288.1	4.1	93.5	0.6	289.
1.7	13.4	829.8	925.0	-0.1	-0.2	113.1	11.4	-10.9	4.6	279.3	289.8	4.1	99.1	1.2	291.
2.5	15.5	1048.8	900.0	-1.4	-1.4	118.1	11.4	-10.2	5.0	280.1	280.1	3.8	100.2	1.7	292.
3.3	17.7	1272.9	875.0	-3.9	-4.1	127.3	11.1	-8.9	6.7	280.8	280.0	3.5	97.9	2.3	294.
4.1	20.0	1502.2	850.0	-7.7	-7.7	144.6	7.6	-4.4	5.2	282.1	280.0	3.3	97.9	2.8	297.
5.0	22.2	1739.2	825.0	-11.1	-11.1	177.2	3.2	-0.2	3.2	286.4	280.0	3.9	97.3	3.0	301.
5.8	24.7	1984.3	800.0	-15.0	-15.0	322.3	0.7	0.4	-0.6	289.1	280.0	4.0	97.3	3.0	301.
6.8	27.0	2238.7	775.0	-18.8	-18.8	59.6	0.7	0.4	0.9	290.8	300.0	3.7	97.3	3.0	301.
7.8	29.6	2498.8	750.0	-22.6	-22.6	128.7	1.4	-1.1	0.9	292.9	303.0	3.7	92.0	3.1	303.
8.8	32.2	2765.7	725.0	-26.4	-26.4	211.6	3.7	1.9	3.2	296.6	307.1	3.4	85.9	3.1	303.
9.8	34.9	3044.1	700.0	-30.2	-30.2	231.0	7.3	5.7	4.6	298.8	308.6	3.4	80.5	3.0	309.
10.7	37.3	3331.8	675.0	-34.0	-34.0	237.2	9.1	7.7	5.0	300.5	308.2	2.6	84.6	2.9	318.
11.8	40.2	3627.9	650.0	-37.8	-37.8	251.0	9.6	9.1	3.1	301.4	307.3	2.0	80.5	2.8	330.
12.8	42.9	3933.1	625.0	-41.6	-41.6	262.3	9.1	9.0	1.2	302.6	307.5	1.8	50.7	2.7	332.
14.0	45.8	4250.1	600.0	-45.4	-45.4	272.0	7.9	7.9	-0.3	305.6	310.7	1.7	50.7	2.6	356.
15.3	48.9	4578.2	575.0	-49.2	-49.2	275.1	8.1	8.1	0.5	306.9	311.5	1.5	51.5	2.6	356.
16.6	51.8	4918.3	550.0	-53.0	-53.0	268.1	8.8	8.8	0.3	309.2	312.5	1.1	51.5	2.8	356.
17.8	55.0	5270.8	525.0	-56.8	-56.8	280.0	9.8	9.8	0.3	309.2	312.5	0.9	51.4	3.1	356.
19.0	58.1	5636.4	500.0	-60.6	-60.6	294.9	12.2	12.1	-2.1	309.9	312.8	0.8	52.6	3.6	356.
20.5	61.4	6017.5	475.0	-64.4	-64.4	296.9	14.9	13.5	-6.3	312.8	315.1	0.6	48.7	4.2	356.
22.0	65.0	6415.2	450.0	-68.2	-68.2	296.9	18.3	16.3	-8.4	313.3	315.2	0.5	45.6	5.2	356.
23.4	68.3	6830.4	425.0	-72.0	-72.0	295.3	19.5	17.7	-8.4	314.6	316.1	0.5	45.6	5.5	356.
25.0	72.0	7264.1	400.0	-75.8	-75.8	291.5	18.3	17.0	-6.7	314.6	316.1	0.3	45.6	5.8	356.
26.5	75.8	7718.4	375.0	-79.6	-79.6	286.6	18.4	17.6	-6.3	315.3	316.1	0.2	45.6	6.1	356.
28.1	80.0	8195.3	350.0	-83.4	-83.4	283.1	27.8	27.1	-7.6	315.7	316.3	0.2	45.2	6.4	356.
29.7	84.2	8704.3	325.0	-87.2	-87.2	281.6	37.8	37.0	-7.6	321.8	316.3	99.9	99.9	14.9	361.
31.6	88.2	9246.8	300.0	-91.0	-91.0	999.9	99.9	99.9	99.9	324.1	999.9	99.9	99.9	19.3	361.
33.7	93.0	9827.5	275.0	-94.8	-94.8	999.9	99.9	99.9	99.9	326.9	999.9	99.9	99.9	23.7	361.
35.9	99.9	99.9	250.0	-98.6	-98.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	28.1	361.
38.0	99.9	99.9	225.0	-102.4	-102.4	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	32.5	361.
40.2	99.9	99.9	200.0	-106.2	-106.2	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	36.9	361.
42.4	99.9	99.9	175.0	-110.0	-110.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	41.3	361.
44.6	99.9	99.9	150.0	-113.8	-113.8	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	45.7	361.
46.8	99.9	99.9	125.0	-117.6	-117.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	50.1	361.
49.0	99.9	99.9	100.0	-121.4	-121.4	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	54.5	361.
51.2	99.9	99.9	75.0	-125.2	-125.2	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	58.9	361.
53.4	99.9	99.9	50.0	-129.0	-129.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	63.3	361.
55.6	99.9	99.9	25.0	-132.8	-132.8	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	67.7	361.
57.8	99.9	99.9	0.0	-136.6	-136.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	72.1	361.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
FT. SILL, OKLAHOMA  
27 MARCH 1982  
2310 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	360.0	980.9	5.4	3.1	90.0	6.0	-6.0	0.0	280.1	292.6	4.9	85.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.8	409.2	975.0	3.5	2.8	100.1	5.9	-5.8	1.0	278.6	290.7	4.7	92.9	0.1	294.0
1.1	11.0	819.3	950.0	1.3	1.0	108.4	7.3	-7.0	2.1	275.5	289.7	4.3	97.4	0.4	279.0
1.8	13.3	832.6	925.0	-0.4	-0.7	109.4	8.7	-8.2	2.9	275.9	289.0	3.9	97.9	0.8	284.0
2.8	15.7	1052.7	900.0	-1.2	-1.5	113.0	9.8	-9.0	3.8	280.2	290.2	3.8	98.3	1.3	286.0
3.8	18.0	1278.9	875.0	-2.8	-2.9	119.7	10.7	-9.3	5.3	281.0	291.5	3.5	98.4	1.8	289.0
4.4	20.5	1508.7	850.0	-3.6	-3.8	136.9	9.3	-6.4	6.8	282.4	292.2	3.7	98.6	2.3	293.0
5.3	22.8	1742.9	825.0	-3.1	-3.2	157.4	5.1	-2.0	4.7	285.4	295.2	3.7	99.0	2.6	298.0
6.2	25.4	1987.2	800.0	-2.9	-3.0	118.1	2.2	-1.9	1.0	290.0	300.2	3.7	98.7	2.9	300.0
7.2	27.8	2238.7	775.0	-3.3	-3.4	168.7	2.5	-0.5	0.1	292.0	304.0	4.0	98.8	3.0	298.0
8.1	30.5	2498.4	750.0	-3.3	-3.4	231.7	5.6	-0.5	2.6	293.0	307.3	4.1	99.0	3.0	303.0
9.2	33.2	2787.0	725.0	-4.3	-4.5	254.4	7.7	7.4	3.5	295.9	308.8	3.9	98.4	2.7	311.0
10.3	35.9	3044.7	700.0	-4.3	-4.5	262.8	8.1	8.0	1.0	297.8	309.0	3.6	98.4	2.7	311.0
11.2	38.6	3330.9	675.0	-6.0	-6.2	270.6	9.8	9.8	1.0	300.8	309.9	3.1	98.4	2.7	311.0
12.4	41.3	3626.1	650.0	-7.2	-8.4	278.5	10.5	10.4	-0.1	303.1	309.7	2.3	98.8	1.9	333.0
13.6	44.1	3931.7	625.0	-8.1	-12.8	282.8	10.6	10.4	-1.2	305.3	309.6	1.7	98.1	1.8	17.0
14.8	47.1	4247.9	600.0	-10.1	-16.7	284.6	10.8	10.2	-2.3	308.7	310.3	1.3	98.1	2.0	42.0
16.1	50.2	4574.6	575.0	-12.5	-22.3	291.1	11.5	11.2	-3.3	308.4	311.6	1.0	98.1	2.5	59.0
17.3	53.1	4912.8	550.0	-14.7	-24.3	298.0	14.4	13.4	-2.9	308.4	312.0	0.8	98.1	3.3	72.0
18.7	56.2	5263.9	525.0	-16.7	-27.6	299.9	15.4	14.6	-5.2	308.4	312.0	0.8	98.1	4.3	85.0
20.2	59.4	5628.8	500.0	-19.4	-30.5	299.9	18.5	16.6	-7.7	308.4	312.0	0.8	98.1	5.6	93.0
21.7	62.9	6008.2	475.0	-22.0	-33.9	299.9	18.5	16.6	-8.2	308.4	312.0	0.8	98.1	7.1	98.0
23.2	66.3	6403.4	450.0	-25.3	-36.9	299.9	18.5	16.6	-7.8	308.4	312.0	0.8	98.1	8.7	102.0
24.6	69.7	6816.0	425.0	-28.3	-40.1	299.9	18.7	17.0	-7.2	308.4	312.0	0.8	98.1	10.5	104.0
26.3	73.2	7247.5	400.0	-31.5	-43.0	299.9	19.7	17.8	-8.4	308.4	312.0	0.8	98.1	12.3	105.0
28.0	77.0	7701.3	375.0	-35.0	-45.7	299.9	28.2	26.7	-9.0	308.4	312.0	0.8	98.1	14.6	107.0
29.7	81.0	8180.3	350.0	-37.5	-45.7	299.9	32.4	31.1	-9.4	308.4	312.0	0.8	98.1	18.0	108.0
31.5	85.0	8659.1	325.0	-40.7	-49.9	299.9	35.6	34.2	-10.1	308.4	312.0	0.8	98.1	21.7	107.0
33.3	89.2	9230.5	300.0	-44.2	-51.5	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	25.6	108.0
35.1	93.6	9809.3	275.0	-47.8	-51.5	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	30.3	105.0
37.2	98.6	10432.6	250.0	-51.5	-51.5	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	35.4	103.0
39.5	103.6	11112.2	225.0	-54.4	-54.4	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	41.3	103.0
42.0	109.3	11884.1	200.0	-53.9	-54.4	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	47.7	102.0
44.8	115.0	12722.1	175.0	-54.4	-54.4	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	54.7	102.0
48.0	121.5	13709.5	150.0	-58.1	-57.7	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	61.4	101.0
51.6	128.7	14866.1	125.0	-57.7	-57.7	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	68.9	100.0
55.7	136.3	16253.5	100.0	-63.2	-59.9	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	77.2	101.0
60.8	143.7	18034.2	75.0	-62.4	-59.9	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	81.3	101.0
68.0	151.7	20546.6	50.0	-59.1	-59.9	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	80.3	102.0
81.8	180.0	24940.5	25.0	-55.2	-59.9	299.9	38.8	36.2	-6.8	308.4	312.0	0.8	98.1	80.3	102.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA (TRATUM EXCEEDS 5 CONTACTS)

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101 FT. SILL, OKLAHOMA														
28 MARCH 1982														
215 GMT														
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE
MIN		GPM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM
0.0	8.4	360.0	982.6	5.6	2.1	90.0	6.0	-6.0	0.0	280.2	291.9	4.5	78.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.1	423.2	975.0	1.3	1.0	104.4	5.3	-5.1	1.3	276.5	287.2	4.2	97.6	0.3
1.0	11.2	832.2	950.0	0.8	0.5	105.1	6.4	-6.2	1.7	278.0	288.7	4.2	98.0	0.4
1.8	13.5	848.1	925.0	-0.8	-0.9	107.3	6.8	-6.5	2.0	278.7	288.8	3.9	98.0	0.8
2.6	15.8	1064.9	900.0	-1.5	-1.7	111.2	6.4	-5.9	2.3	280.0	289.8	3.8	98.0	1.1
3.5	18.1	1288.9	875.0	-2.8	-3.0	123.5	7.1	-5.9	2.3	280.9	290.1	3.5	98.8	1.5
4.4	20.5	1518.5	850.0	-3.5	-3.6	148.0	5.5	-3.1	4.5	282.5	291.7	3.4	98.7	1.8
5.3	22.8	1755.2	825.0	-2.3	-2.4	131.6	2.4	-3.1	1.6	285.2	296.6	3.9	99.1	2.0
6.3	25.3	1999.8	800.0	-2.9	-3.0	98.0	3.1	-3.1	0.3	288.1	298.5	3.8	99.0	2.1
7.3	27.7	2251.4	775.0	-3.4	-3.6	125.6	3.3	-2.7	0.3	288.1	298.5	3.8	99.0	2.1
8.4	30.3	2511.4	750.0	-3.4	-3.6	125.6	3.3	-2.7	0.3	288.1	298.5	3.8	99.0	2.1
9.5	33.0	2780.6	725.0	-3.2	-3.4	215.4	4.0	2.3	3.2	293.8	305.4	4.2	98.9	2.4
10.7	35.6	3058.1	700.0	-4.7	-4.9	257.1	6.0	5.9	-0.6	293.8	307.4	4.1	98.8	2.4
11.7	38.3	3343.7	675.0	-6.4	-6.6	286.7	7.0	6.6	-2.0	297.3	308.0	3.8	98.3	1.9
12.9	41.0	3638.1	650.0	-8.2	-8.5	294.5	9.7	8.8	-4.0	299.7	308.6	3.1	97.3	1.5
14.1	43.9	3942.7	625.0	-9.2	-9.5	298.2	11.8	10.4	-5.6	301.9	307.1	1.7	97.1	0.7
15.5	46.8	4257.8	600.0	-10.8	-10.8	294.3	13.4	12.7	-5.5	303.7	309.5	1.6	97.1	1.2
16.9	49.9	4583.9	575.0	-12.9	-12.9	288.4	14.5	13.2	-4.8	304.8	309.5	1.4	97.1	1.2
18.2	52.8	4921.6	550.0	-15.1	-15.1	99.9	99.9	99.9	99.9	306.2	310.2	1.3	97.1	1.2
19.6	55.8	5271.7	525.0	-17.6	-17.6	99.9	99.9	99.9	99.9	307.3	310.5	1.0	97.1	1.2
21.1	59.0	5635.2	500.0	-20.2	-20.2	99.9	99.9	99.9	99.9	308.4	310.8	0.7	97.1	1.2
22.5	62.4	6013.9	475.0	-22.6	-22.6	99.9	99.9	99.9	99.9	310.0	312.2	0.6	97.1	1.2
24.0	65.7	6408.9	450.0	-25.2	-25.2	99.9	99.9	99.9	99.9	311.6	313.3	0.5	97.1	1.2
25.7	69.2	6821.8	425.0	-28.1	-28.1	99.9	99.9	99.9	99.9	313.1	314.3	0.4	97.1	1.2
27.4	72.7	7254.4	400.0	-31.2	-31.2	279.9	20.5	20.2	-3.5	314.5	315.5	0.3	97.1	1.2
29.4	76.7	7708.0	375.0	-35.2	-35.2	284.1	20.8	20.5	-3.7	315.0	315.6	0.2	97.1	1.2
31.3	80.5	8185.2	350.0	-38.6	-38.6	284.1	22.7	22.0	-5.6	315.0	317.3	0.2	97.1	1.2
33.4	84.7	8691.4	325.0	-41.3	-41.3	282.5	25.7	25.1	-5.6	316.7	317.3	0.2	97.1	1.2
35.5	88.8	9230.9	300.0	-44.9	-44.9	280.8	29.2	28.0	-5.4	318.8	317.3	0.2	97.1	1.2
37.7	93.5	9807.3	275.0	-49.0	-49.0	274.7	30.7	30.8	-2.5	322.1	317.3	0.2	97.1	1.2
40.1	98.2	10426.7	250.0	-53.8	-53.8	272.3	36.9	36.9	-1.5	324.3	317.3	0.2	97.1	1.2
42.7	103.3	11099.9	225.0	-58.5	-58.5	272.1	35.6	35.6	-1.3	326.4	317.3	0.2	97.1	1.2
45.6	109.0	11846.3	200.0	-62.2	-62.2	276.4	37.2	37.0	-4.2	327.7	317.3	0.2	97.1	1.2
48.7	114.7	12701.4	175.0	-65.4	-65.4	276.8	31.5	31.2	-3.7	360.0	317.3	0.2	97.1	1.2
52.3	121.3	13686.3	150.0	-68.1	-68.1	270.1	33.7	33.3	-4.1	374.7	317.3	0.2	97.1	1.2
56.3	128.5	14844.8	125.0	-71.1	-71.1	275.9	39.7	39.5	-3.5	388.8	317.3	0.2	97.1	1.2
60.8	136.3	16231.3	100.0	-74.4	-74.4	277.9	25.5	25.3	-3.1	409.0	317.3	0.2	97.1	1.2
67.0	144.0	18009.3	75.0	-81.5	-81.5	280.2	17.5	17.2	-3.1	444.0	317.3	0.2	97.1	1.2
75.5	152.5	20515.2	50.0	-86.5	-86.5	332.3	5.8	2.6	-4.9	498.8	317.3	0.2	97.1	1.2
90.0	181.3	24897.2	25.0	-95.5	-95.5	242.2	2.4	2.1	1.1	825.5	317.3	0.2	97.1	1.2

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
FT. STILL, OKLAHOMA  
28 MARCH 1982  
535 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	360.0	983.6	4.6	2.6	100.0	2.0	-2.0	0.3	279.1	281.1	4.7	87.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	8.0	431.4	975.0	3.0*	1.5	128.7	3.4	-2.6	2.1	278.2	289.4	4.4	90.0	0.2	281.
0.9	10.1	641.3	950.0	0.9	-0.5	133.1	5.1	-3.7	3.5	278.1	288.2	3.9	90.0	0.2	291.
1.8	11.9	855.6	925.0	0.9	-2.3	134.8	9.5	-6.8	9.7	279.5	288.8	3.5	83.3	0.6	306.
2.5	14.1	1075.1	900.0	-0.9	-4.6	139.9	11.8	-7.6	9.0	280.6	288.8	3.0	75.8	1.1	311.
3.4	16.0	1299.5	875.0	-2.3	-2.9	142.7	10.0	-5.1	8.0	281.4	290.7	3.5	95.3	1.7	315.
4.2	18.2	1528.7	850.0	-2.6	-2.3	142.7	4.4	-2.6	3.5	283.1	292.5	3.5	97.0	2.1	315.
5.0	20.4	1766.9	825.0	-2.2	-2.6	142.0	2.8	-1.7	2.2	286.3	298.6	3.8	96.9	2.1	316.
5.9	22.5	2011.5	800.0	-2.7	-3.2	163.4	4.2	-1.2	4.1	288.3	302.5	3.8	96.7	2.2	317.
6.8	24.8	2263.8	775.0	-2.2	-2.7	217.7	5.1	3.1	4.0	291.4	302.5	4.1	96.6	2.4	317.
7.7	26.9	2524.5	750.0	-2.1	-2.8	275.6	5.0	4.9	-0.5	294.3	305.8	4.2	95.0	2.4	322.
8.7	29.3	2793.7	725.0	-3.4	-8.8	290.3	4.5	4.2	-1.5	295.8	303.5	2.7	86.3	2.3	333.
9.8	31.8	3070.4	700.0	-5.5	-7.8	294.1	5.6	5.1	-2.3	296.4	305.0	2.9	83.3	2.0	338.
10.8	34.3	3355.2	675.0	-6.5	-8.7	292.9	10.1	9.3	-3.9	298.4	308.8	2.9	85.0	1.8	348.
11.8	36.6	3651.7	650.0	-5.0	-16.7	292.9	13.9	12.7	-5.6	303.3	308.1	1.6	38.3	1.5	350.
12.9	39.2	3958.8	625.0	-7.0	-19.4	295.7	14.3	12.9	-6.2	304.4	308.5	1.3	38.3	1.5	350.
13.9	41.7	4275.9	600.0	-9.6	-20.2	294.0	14.1	12.8	-5.7	305.1	309.0	1.2	41.3	1.5	350.
15.1	44.4	4603.2	575.0	-12.0	-21.5	291.7	13.5	12.5	-5.0	305.9	309.6	0.9	42.2	2.1	350.
16.2	47.3	4941.7	550.0	-14.7	-24.7	291.7	13.7	12.7	-5.1	306.6	309.6	0.7	44.8	2.9	350.
17.4	50.2	5292.5	525.0	-16.9	-27.9	298.1	14.7	13.2	-8.5	308.1	310.4	0.3	47.8	3.8	350.
18.6	53.0	5657.0	500.0	-18.8	-36.2	293.8	17.0	15.6	-6.9	310.1	311.2	0.1	49.9	4.7	350.
19.8	55.9	6038.3	475.0	-20.4	-49.6	287.9	17.8	17.0	-5.5	312.7	313.1	0.1	51.1	5.8	350.
21.3	59.1	6436.3	450.0	-23.1	-51.9	288.3	17.7	17.2	-5.0	314.2	314.4	0.1	51.1	7.1	350.
22.7	62.4	6852.1	425.0	-26.8	-51.1	288.7	18.2	17.2	-5.8	314.7	315.0	0.1	51.1	8.7	350.
24.2	65.7	7286.4	400.0	-30.5	-55.0	289.7	20.2	19.0	-6.8	315.4	315.6	0.1	51.1	10.1	350.
25.7	69.1	7741.2	375.0	-34.2	-58.1	289.1	20.1	18.6	-7.5	316.3	316.5	0.0	51.1	11.8	350.
27.4	72.7	8221.3	350.0	-37.4	-61.1	287.5	20.2	19.2	-8.2	318.4	318.5	0.0	51.1	13.8	350.
28.9	76.6	8728.2	325.0	-42.0	-69.9	279.5	21.8	21.5	-8.6	318.9	318.9	0.0	51.1	15.8	350.
30.7	80.6	9265.6	300.0	-46.0	-78.2	278.2	22.7	22.5	-3.2	320.6	320.6	0.0	51.1	17.8	350.
32.7	84.8	9840.3	275.0	-49.3	-89.9	278.3	27.7	27.4	-4.0	323.8	323.8	0.0	51.1	20.0	350.
34.8	89.0	10458.7	250.0	-53.4	-99.9	279.4	25.1	24.8	-4.1	326.6	326.6	0.0	51.1	22.9	350.
37.0	94.0	11130.9	225.0	-55.7	-99.9	277.6	25.5	25.3	-3.4	333.2	333.2	0.0	51.1	26.2	350.
39.5	99.0	11884.0	200.0	-53.9	-99.9	276.6	25.9	25.7	-3.0	347.4	347.4	0.0	51.1	29.7	350.
42.1	104.5	12738.6	175.0	-55.5	-99.9	274.9	28.7	28.5	-2.5	358.3	358.3	0.0	51.1	33.5	350.
45.7	110.8	13722.1	150.0	-54.8	-99.9	271.9	32.5	32.4	-1.1	375.6	375.6	0.0	51.1	37.9	350.
49.5	117.7	14882.9	125.0	-58.8	-99.9	273.7	34.2	33.8	-1.1	388.6	388.6	0.0	51.1	44.2	350.
54.2	125.7	16278.5	100.0	-60.1	-99.9	273.8	33.0	33.0	-1.5	411.7	411.7	0.0	51.1	52.8	350.
59.9	134.5	18084.9	75.0	-61.6	-99.9	277.7	17.9	17.7	-2.4	443.8	443.8	0.0	51.1	67.3	350.
67.6	143.5	20568.4	50.0	-61.1	-99.9	321.7	6.3	3.9	-4.9	499.5	499.5	0.0	51.1	72.4	350.
80.4	153.0	24950.1	25.0	-53.9	-99.9	231.1	3.9	3.0	2.4	629.7	629.7	0.0	51.1	71.3	350.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 102  
POST, TEXAS

27 MARCH 1982

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

123 68. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.6	772.0	924.9	5.5	5.5	160.0	2.0	-0.7	1.9	285.0	306.9	6.1	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	14.9	944.6	900.0	3.6	2.9	99.9	99.9	99.9	99.9	285.2	289.0	5.3	95.3	99.9	99.9
1.3	17.2	1233.0	875.0	2.1	1.3	99.9	99.9	99.9	99.9	285.9	289.6	4.8	94.7	99.9	99.9
1.9	19.5	1457.3	850.0	1.5	0.7	99.9	99.9	99.9	99.9	287.7	300.4	4.8	94.8	99.9	99.9
2.6	21.8	1697.5	825.0	0.5	-0.3	231.2	9.7	7.6	6.1	289.1	301.3	4.5	94.3	0.8	16.
3.4	24.2	1945.6	800.0	2.2	0.1	289.7	12.4	12.4	-0.1	293.5	308.6	4.8	86.2	1.0	47.
4.1	26.6	2203.1	775.0	3.4	-1.5	292.9	12.7	11.7	-4.9	297.4	309.8	4.4	70.1	1.4	88.
4.8	29.0	2468.6	750.0	2.1	-2.2	301.2	12.2	10.4	-6.3	298.8	311.0	4.3	73.3	1.4	88.
5.6	31.5	2741.9	725.0	0.7	-6.5	299.6	12.3	10.7	-6.1	300.2	310.6	3.2	58.6	2.3	91.
6.3	34.1	3022.9	700.0	-0.7	-7.8	288.7	11.4	10.7	-3.8	301.7	310.6	3.6	59.6	2.3	91.
7.0	36.4	3312.8	675.0	-2.7	-8.2	289.6	9.9	9.8	-1.8	302.7	312.9	3.6	76.4	2.7	93.
7.9	39.1	3611.3	650.0	-4.5	-9.5	289.6	10.1	10.1	0.1	303.9	312.9	2.9	88.0	3.2	93.
8.7	41.8	3919.1	625.0	-6.8	-10.6	283.5	11.2	11.1	1.3	304.7	312.7	2.7	74.8	3.7	92.
9.5	44.3	4236.7	600.0	-9.3	-10.9	284.7	12.7	12.6	1.2	305.3	313.6	2.8	88.5	4.3	91.
10.4	47.0	4564.3	575.0	-11.9	-13.8	286.2	14.6	14.5	1.0	308.1	313.0	2.3	85.8	5.0	90.
11.4	49.8	4903.1	550.0	-14.4	-18.7	284.3	16.8	18.7	1.7	307.0	311.8	1.6	69.9	5.9	89.
12.5	52.7	5254.4	525.0	-17.1	-28.2	283.3	20.1	20.0	2.3	307.9	310.4	0.8	40.8	7.1	88.
13.5	55.6	5619.5	500.0	-18.1	-42.6	283.3	27.0	26.8	3.2	311.0	311.6	0.2	8.6	8.4	88.
14.5	58.6	6002.4	475.0	-18.3	-43.7	283.3	34.8	34.5	3.7	315.3	315.9	0.2	8.6	10.4	87.
15.7	61.8	6405.2	450.0	-18.6	-44.4	285.8	38.9	38.8	2.8	319.6	315.9	0.2	8.6	13.1	86.
17.1	64.6	6829.5	425.0	-22.0	-48.3	288.3	37.4	37.3	1.1	320.7	320.4	0.2	8.9	16.2	87.
18.4	67.9	7271.9	400.0	-25.6	-48.9	288.3	38.4	38.4	1.1	321.7	321.3	0.1	9.2	19.2	87.
19.7	71.3	7733.8	375.0	-28.5	-50.4	287.3	43.1	43.0	2.0	323.9	324.3	0.1	10.0	22.2	87.
21.0	74.7	8228.3	350.0	-31.8	-51.0	289.7	45.9	45.9	0.3	325.9	326.3	0.1	12.7	25.7	87.
22.6	78.4	8747.9	325.0	-35.8	-54.0	272.1	47.1	47.1	-1.7	327.4	327.7	0.1	13.2	30.0	88.
24.1	82.2	9298.7	300.0	-40.2	99.9	283.2	44.9	44.9	0.6	328.8	328.8	99.9	99.9	34.3	88.
25.7	86.2	9837.1	275.0	-44.6	99.9	283.2	48.6	48.6	0.6	330.6	329.9	99.9	99.9	38.6	88.
27.3	90.3	10521.2	250.0	-47.9	99.9	276.9	54.9	54.7	-4.7	334.9	329.9	99.9	99.9	43.4	89.
29.7	94.7	11267.9	225.0	-53.5	99.9	276.9	59.9	59.5	-6.7	336.5	329.9	99.9	99.9	51.9	90.
32.4	99.4	11988.1	200.0	-55.9	99.9	277.2	59.1*	58.7	-7.4	344.3	329.9	99.9	99.9	61.7	91.
35.1	104.5	12807.5	175.0	-58.0	99.9	279.4	50.1*	49.4	-8.2	344.3	329.9	99.9	99.9	70.4	92.
38.4	110.0	13770.2	150.0	-60.4	99.9	275.3	42.0*	41.8	-3.9	368.1	329.9	99.9	99.9	79.1	93.
42.3	118.2	14901.9	125.0	-61.0	99.9	272.9	33.1*	33.0	-1.7	344.5	329.9	99.9	99.9	88.1	93.
46.8	123.3	16279.8	100.0	-62.6	99.9	277.8	15.6*	15.5	-2.1	408.8	329.9	99.9	99.9	95.4	93.
52.6	131.3	18049.0	75.0	-64.7	99.9	99.9	99.9	99.9	99.9	437.2	329.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
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STATION NO. 102  
POST, TEXAS

27 MARCH 1982  
1400 GMT

126 61. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	772.0	928.4	4.5	4.5	170.0	2.5	-0.4	2.5	283.8	298.6	5.7	100.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	12.8	784.4	925.0	4.6	4.3	99.9	99.9	99.9	99.9	284.0	298.6	5.8	97.8	99.9	99.9
0.0	15.2	1007.4	900.0	3.0	2.1	999.9	99.9	99.9	99.9	284.6	297.5	5.0	94.2	99.9	99.9
1.2	17.5	1235.6	875.0	2.3	1.2	999.9	99.9	99.9	99.9	286.2	298.9	4.8	92.6	99.9	99.9
1.8	19.8	1470.1	850.0	2.0	1.1	999.9	99.9	99.9	99.9	288.2	301.3	4.9	93.9	0.6	32.0
2.4	22.1	1710.9	825.0	0.9	-0.1	239.9	8.1	7.0	4.1	289.5	302.0	4.6	93.4	0.7	34.3
3.1	24.5	1959.9	800.0	3.0	-1.8	276.2	10.0	10.0	-1.1	294.4	305.0	4.2	70.7	0.8	9.9
4.0	26.8	2216.9	775.0	2.1	-4.8	303.6	10.8	9.0	-6.0	296.1	305.8	3.5	60.1	0.9	53.9
4.8	29.2	2481.4	750.0	1.2	-8.7	308.6	10.9	8.8	-6.5	297.8	306.7	3.1	55.9	1.1	81.9
5.4	31.6	2752.6	725.0	-0.6	-8.7	298.6	11.7	10.3	-5.6	298.9	306.8	2.7	53.9	1.4	91.9
6.2	34.1	3033.7	700.0	-1.2	-19.0	289.5	11.6	11.0	-3.9	301.1	304.8	1.2	24.4	1.9	97.9
7.0	36.6	3322.7	675.0	-3.2	-18.8	278.7	12.5	12.4	-1.9	302.7	306.8	1.5	34.4	2.5	99.9
7.7	39.2	3620.1	650.0	-5.5	-19.6	270.9	12.2	12.2	0.0	302.7	309.7	2.4	60.7	3.0	98.9
8.4	41.8	3928.6	625.0	-7.9	-13.4	261.3	11.9	11.6	1.8	303.4	309.9	2.2	65.0	3.5	96.9
9.4	44.4	4242.6	600.0	-10.3	-21.3	264.5	13.5	13.4	2.0	304.2	307.9	1.2	39.9	4.2	93.9
10.5	47.2	4569.9	575.0	-12.1	-27.9	264.3	15.7	15.6	1.6	305.6	308.0	0.7	25.8	5.2	91.9
11.5	50.0	4908.0	550.0	-14.5	-37.4	274.1	16.8	16.8	0.2	308.9	307.8	0.3	12.2	5.2	91.9
12.5	52.8	5259.2	525.0	-16.5	-47.1	279.4	18.8	18.7	-1.3	308.6	307.6	0.3	14.9	7.2	91.9
13.5	55.8	5624.4	500.0	-18.2	-41.3	270.1	23.6	23.6	-0.8	310.9	311.8	0.2	11.0	8.5	91.9
14.7	58.8	6007.6	475.0	-18.4	-42.1	270.1	30.3	30.3	-0.1	315.2	315.9	0.2	10.3	10.4	91.9
15.9	61.8	6410.0	450.0	-20.1	-43.6	270.9	35.2	35.2	-0.6	317.9	318.6	0.2	10.3	12.7	91.9
17.0	64.8	6832.3	425.0	-22.3	-45.2	271.9	37.2	37.2	-1.3	320.4	321.0	0.1	11.4	15.2	91.9
18.1	68.0	7274.4	400.0	-26.3	-47.5	272.0	37.4	37.4	-1.3	320.8	321.3	0.1	11.1	17.6	91.9
19.3	71.3	7739.2	375.0	-28.6	-49.6	272.3	39.4	39.4	-1.6	323.7	324.1	0.1	10.9	20.4	91.9
20.6	74.9	8230.0	350.0	-31.8	-52.3	273.9	42.2	42.1	-2.9	325.9	326.3	0.1	11.6	23.4	92.9
21.8	78.4	8751.1	325.0	-35.0	-54.5	273.5	48.6	48.6	-2.9	328.4	328.7	0.1	11.6	26.8	92.9
22.9	82.2	9304.0	300.0	-39.3	-59.9	271.7	52.0	51.9	-1.6	330.6	330.9	99.9	99.9	30.3	92.9
24.2	86.2	9893.6	275.0	-44.7	-69.9	271.0	53.3	53.3	-1.0	330.8	330.8	99.9	99.9	34.3	92.9
25.6	90.3	10525.8	250.0	-48.5	-77.7	272.0	57.4	57.4	-2.0	334.0	337.7	99.9	99.9	39.0	92.9
27.2	94.8	11213.8	225.0	-52.7	-89.9	274.4	62.2	62.0	-4.8	337.7	339.9	99.9	99.9	44.8	92.9
28.9	99.8	11968.3	200.0	-54.7	-99.9	277.7	55.0	54.5	-7.4	346.2	349.9	99.9	99.9	52.0	93.9
30.6	104.6	12824.8	175.0	-57.5	-99.9	276.1	47.8	47.5	-5.1	358.4	361.9	99.9	99.9	60.6	93.9
32.0	110.3	13801.8	150.0	-57.7	-99.9	273.5	43.1	43.0	-2.6	370.7	370.7	99.9	99.9	67.1	93.9
34.6	116.5	14940.6	125.0	-60.0	-99.9	273.5	32.3	32.2	-2.2	386.4	389.9	99.9	99.9	74.6	93.9
37.9	123.7	16327.7	100.0	-62.0	-99.9	282.4	26.4	25.8	-5.7	408.1	409.9	99.9	99.9	80.0	94.9
42.3	131.7	18098.5	75.0	-63.7	-99.9	99.9	99.9	99.9	99.9	439.3	439.3	99.9	99.9	90.0	95.9
47.6	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
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STATION NO. 102  
POST, TEXAS

27 MARCH 1982

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

124 59. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.6	772.0	927.6	5.1	5.1	170.0	2.5	-0.4	2.5	284.3	299.7	8.0	100.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	12.8	794.9	925.0	4.7	4.5	99.9	99.9	99.9	99.9	284.1	299.0	5.7	98.6	99.9	99.9
0.9	15.1	1017.9	900.0	3.0	2.8	99.9	99.9	99.9	99.9	284.6	298.1	5.2	97.4	99.9	99.9
1.5	17.4	1246.2	875.0	2.0	1.6	99.9	99.9	99.9	99.9	285.9	298.8	4.9	97.2	99.9	99.9
2.1	19.6	1480.4	850.0	1.9	0.2	189.5	3.9	0.6	3.8	288.2	300.5	4.6	97.2	99.9	99.9
2.9	21.9	1721.4	825.0	1.9	-2.5	258.8	4.9	4.9	-2.6	290.6	301.1	3.9	97.2	99.9	99.9
3.7	24.3	1970.2	800.0	2.3	-3.6	293.5	6.5	6.0	-1.0	293.6	303.8	3.7	97.2	99.9	99.9
4.4	26.7	2226.8	775.0	2.0	-4.2	285.1	6.7	6.5	-1.7	296.0	306.2	3.6	97.2	99.9	99.9
5.2	29.1	2491.3	750.0	1.8	-6.5	274.3	9.2	9.2	-0.7	298.4	307.4	3.1	97.2	99.9	99.9
6.0	31.5	2784.0	725.0	0.2	-8.2	269.4	11.3	11.3	0.1	299.7	307.9	2.8	97.2	99.9	99.9
6.8	34.0	3044.5	700.0	-1.5	-10.2	272.2	11.4	11.3	-0.4	300.9	308.2	2.5	97.2	99.9	99.9
7.7	36.6	3333.6	675.0	-2.7	-22.6	286.4	11.1	10.6	-3.1	302.6	308.6	2.0	97.2	99.9	99.9
8.6	39.1	3631.9	650.0	-3.9	-36.6	290.8	13.5	12.8	-4.8	304.6	305.6	1.0	97.2	99.9	99.9
9.4	41.8	3940.1	625.0	-8.3	-37.5	271.3	13.7	13.7	-0.3	305.3	306.1	0.2	97.2	99.9	99.9
10.3	44.4	4257.7	600.0	-8.9	-38.0	269.9	13.4	13.4	0.0	305.8	306.6	0.2	97.2	99.9	99.9
11.2	47.1	4586.1	575.0	-10.4	-38.3	280.4	13.2	13.0	-2.4	307.8	308.8	0.3	97.2	99.9	99.9
12.1	50.0	4926.7	550.0	-12.8	-38.3	280.4	13.8	13.2	-3.9	308.2	309.9	0.3	97.2	99.9	99.9
12.9	52.8	5279.2	525.0	-18.0	-37.2	291.9	14.5	13.5	-5.4	309.2	310.2	0.2	97.2	99.9	99.9
13.9	55.8	5645.1	500.0	-19.5	-41.1	294.6	18.0	16.3	-7.5	311.2	311.9	0.2	97.2	99.9	99.9
14.9	58.6	6027.6	475.0	-19.5	-44.6	290.6	23.0	16.3	-8.1	313.6	314.4	0.1	97.2	99.9	99.9
15.9	61.8	6427.5	450.0	-21.3	-48.1	284.2	28.4	25.6	-8.5	316.5	316.9	0.1	97.2	99.9	99.9
17.0	64.9	6848.0	425.0	-23.0	-52.0	280.2	32.4	25.6	-5.7	319.8	319.8	0.1	97.2	99.9	99.9
18.1	68.1	7289.1	400.0	-26.7	-53.5	278.7	34.5	31.9	-4.0	320.5	320.5	0.1	97.2	99.9	99.9
19.3	71.6	7751.8	375.0	-30.0	-54.6	275.1	35.2	35.1	-3.1	321.9	322.7	0.1	97.2	99.9	99.9
20.6	75.0	8240.0	350.0	-33.1	-56.5	276.0	40.0	39.8	-4.2	324.2	324.4	0.0	97.2	99.9	99.9
21.8	78.7	8757.5	325.0	-36.8	-59.0	276.6	42.7	42.5	-4.9	328.3	328.4	0.0	97.2	99.9	99.9
23.1	82.5	9306.5	300.0	-41.0	-61.0	274.5	48.5	46.3	-3.7	327.6	327.6	0.0	97.2	99.9	99.9
24.9	86.5	9894.1	275.0	-44.8	-64.8	271.0	50.2	50.2	-0.9	330.4	330.4	0.0	97.2	99.9	99.9
26.6	90.7	10524.6	250.0	-49.7	-69.9	270.3	51.7	51.7	-0.2	332.2	332.2	0.0	97.2	99.9	99.9
28.5	95.2	11208.3	225.0	-53.4	-73.0	271.7	53.5	53.5	-1.6	336.6	336.6	0.0	97.2	99.9	99.9
30.7	99.6	11963.8	200.0	-53.0	-73.0	272.9	54.2	54.2	-2.7	348.3	348.3	0.0	97.2	99.9	99.9
33.5	105.0	12824.0	175.0	-54.3	-74.9	274.9	47.5	47.4	-4.1	360.2	360.2	0.0	97.2	99.9	99.9
37.1	110.8	13808.3	150.0	-56.5	-79.9	277.2	40.2	39.9	-5.0	372.8	372.8	0.0	97.2	99.9	99.9
40.8	117.2	14955.3	125.0	-59.4	-84.1	275.9	29.7	29.5	-3.1	387.4	387.4	0.0	97.2	99.9	99.9
44.9	124.3	16344.7	100.0	-61.1	-89.9	276.7	28.4	28.3	-3.3	409.7	409.7	0.0	97.2	99.9	99.9
50.8	133.0	18116.6	75.0	-64.7	-93.9	99.9	99.9	99.9	99.9	437.2	437.2	0.0	97.2	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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27 MARCH 1982

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

123 48. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	772.0	928.2	6.1	6.1	160.0	1.5	-0.5	1.4	285.3	301.8	5.4	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
0.1	12.4	800.4	925.0	5.4	5.4	99.9	99.9	99.9	99.9	285.1	301.0	6.1	98.5	0.0	0.
0.8	14.6	1024.1	900.0	3.9	3.2	99.9	99.9	99.9	99.9	285.5	299.6	5.4	95.3	0.0	0.
2.1	19.1	1253.1	875.0	3.0	2.3	99.9	99.9	99.9	99.9	285.9	300.8	5.2	95.2	0.0	0.
2.8	21.4	1487.7	850.0	1.9	1.2	99.9	99.9	99.9	99.9	286.1	301.2	4.9	95.0	0.0	0.
3.5	23.6	1728.8	825.0	1.4	0.8	215.9	99.9	0.7	1.0	286.1	303.3	4.9	95.0	0.0	0.
4.2	25.9	1978.6	800.0	1.0	0.2	282.1	3.2	3.1	-0.7	292.3	305.4	4.9	93.7	0.0	0.
5.1	28.3	2232.4	775.0	1.1	-2.4	275.8	5.0	5.0	-0.5	295.0	308.4	4.1	93.7	0.0	0.
5.8	30.7	2497.0	750.0	2.1	-4.3	268.5	5.7	5.4	-0.8	300.8	309.3	3.7	92.7	0.0	0.
6.7	33.2	2770.7	725.0	1.2	-5.8	267.2	6.4	6.3	-0.8	302.3	311.2	3.4	90.5	0.0	0.
7.4	35.6	3052.5	700.0	-0.2	-7.7	263.7	7.4	7.2	-1.8	302.3	311.2	3.1	88.8	0.0	0.
8.2	38.1	3342.6	675.0	-2.4	-11.2	260.1	9.3	9.2	-3.2	302.9	310.1	2.4	86.8	0.0	0.
9.1	40.7	3641.4	650.0	-3.7	-17.1	301.5	10.8	10.4	-5.6	304.8	309.5	1.5	84.5	0.0	0.
10.1	43.3	3950.3	625.0	-5.3	-23.8	284.9	12.6	12.2	-5.2	308.5	309.2	0.9	82.1	0.0	0.
11.1	46.0	4269.9	600.0	-8.4	-31.6	289.9	13.2	12.4	-4.5	310.1	311.7	0.6	80.1	0.0	0.
12.1	48.7	4601.2	575.0	-10.6	-34.0	307.8	13.8	10.9	-8.5	312.9	312.8	0.4	78.1	0.0	0.
13.2	51.4	4944.7	550.0	-12.9	-36.1	287.8	14.5	13.8	-4.4	312.9	314.0	0.3	76.1	0.0	0.
14.5	54.2	5301.0	525.0	-15.7	-37.5	282.5	14.5	13.9	-7.2	312.9	314.0	0.2	74.1	0.0	0.
16.0	57.2	5670.6	500.0	-18.5	-42.2	282.5	15.8	14.1	-8.0	312.9	315.8	0.2	72.1	0.0	0.
17.1	60.1	6055.3	475.0	-21.1	-44.7	283.7	20.0	18.3	-6.5	316.8	317.3	0.1	70.1	0.0	0.
18.3	63.3	6458.3	450.0	-22.8	-46.8	284.8	25.3	24.5	-5.0	320.5	320.2	0.1	68.1	0.0	0.
19.8	66.5	6876.8	425.0	-25.5	-49.8	279.9	29.3	28.8	-3.8	322.5	322.9	0.1	66.1	0.0	0.
21.4	69.8	7317.9	400.0	-29.5	-52.0	276.7	32.7	32.5	-3.8	324.7	324.9	0.1	64.1	0.0	0.
23.1	73.3	7781.3	375.0	-32.7	-54.3	277.4	35.6	35.3	-6.2	326.7	326.9	0.1	62.1	0.0	0.
25.1	76.7	8270.2	350.0	-36.3	-56.7	278.9	36.2	35.7	-6.2	327.9	327.9	0.1	60.1	0.0	0.
27.1	80.6	8768.4	325.0	-40.8	-59.9	275.7	40.9	40.7	-1.1	327.9	327.9	0.1	58.1	0.0	0.
28.9	84.4	9338.6	300.0	-45.0	-63.3	271.5	47.8	47.8	-0.8	330.0	330.0	0.1	56.1	0.0	0.
31.3	88.7	10558.8	275.0	-48.9	-66.8	269.0	48.8	48.8	-0.8	333.4	333.4	0.1	54.1	0.0	0.
33.6	93.0	11242.7	250.0	-52.4	-69.9	270.2	49.4	49.4	-0.2	338.2	338.2	0.1	52.1	0.0	0.
36.6	97.8	11999.1	225.0	-53.4	-72.5	270.5	47.8	47.8	-0.4	348.3	348.3	0.1	50.1	0.0	0.
39.7	102.8	12861.4	200.0	-55.2	-75.9	271.9	41.9	41.8	-1.4	362.1	362.1	0.1	48.1	0.0	0.
43.2	108.4	13852.1	175.0	-55.6	-79.9	275.7	44.3*	44.0	-4.4	374.4	374.4	0.1	46.1	0.0	0.
46.7	114.7	15005.1	150.0	-58.5	-83.3	270.2	34.2*	34.2	-0.1	389.2	389.2	0.1	44.1	0.0	0.
51.2	121.7	16393.1	125.0	-62.9	-86.9	273.3	30.0*	30.0	-1.8	408.2	408.2	0.1	42.1	0.0	0.
57.0	129.7	18170.4	100.0	-64.0	-88.0	236.3	13.0*	10.8	7.2	438.8	438.8	0.1	40.1	0.0	0.
65.2	139.0	20685.4	50.0	-60.0	-80.0	99.9	99.9	99.9	99.9	502.1	502.1	0.1	38.1	0.0	0.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 102  
POST, TEXAS

27 MARCH 1982  
2315 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	772.0	928.7	5.4	5.4	80.0	4.0	-3.9	-0.7	284.5	300.2	6.1	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
0.1	13.0	804.7	925.0	4.9	4.2	99.9	99.9	99.9	99.9	284.3	288.9	5.6	95.6	99.9	999.
0.7	15.4	1027.9	900.0	3.4	2.8	99.9	99.9	99.9	99.9	285.0	289.0	4.9	96.7	99.9	999.
1.4	17.6	1256.3	875.0	2.1	1.7	99.9	99.9	99.9	99.9	286.0	290.0	4.8	97.1	99.9	999.
2.3	20.0	1490.2	850.0	0.8	0.4	99.9	99.9	99.9	99.9	287.5	300.2	4.8	97.0	99.9	999.
3.0	22.4	1730.9	825.0	0.8	0.4	99.9	99.9	99.9	99.9	289.0	305.6	4.8	97.0	99.9	999.
3.8	24.8	1979.0	800.0	1.8	0.6	99.9	99.9	99.9	99.9	293.0	308.3	4.6	97.0	99.9	999.
5.0	27.2	2235.8	775.0	2.6	-2.2	99.9	99.9	99.9	99.9	298.9	309.4	3.7	97.0	99.9	999.
6.2	29.7	2501.3	750.0	2.2	-2.3	99.9	99.9	99.9	99.9	300.1	309.1	3.1	97.0	99.9	999.
7.3	32.2	2774.5	725.0	0.6	-7.0	99.9	99.9	99.9	99.9	300.9	309.2	2.9	97.0	99.9	999.
8.2	34.8	3055.3	700.0	-1.5	-8.8	99.9	99.9	99.9	99.9	302.2	309.8	2.4	97.0	99.9	999.
9.5	37.4	3344.4	675.0	-3.1	-11.4	99.9	99.9	99.9	99.9	304.0	309.8	1.9	97.0	99.9	999.
10.8	40.0	3642.2	650.0	-4.4	-14.5	99.9	99.9	99.9	99.9	305.7	309.8	1.2	97.0	99.9	999.
12.2	42.7	3950.6	625.0	-5.9	-20.1	99.9	99.9	99.9	99.9	308.6	310.4	0.5	97.0	99.9	999.
13.7	45.4	4259.9	600.0	-6.5	-29.5	99.9	99.9	99.9	99.9	311.8	311.5	0.2	97.0	99.9	999.
15.0	48.2	4591.5	575.0	-8.1	-34.5	99.9	99.9	99.9	99.9	315.6	313.2	0.2	97.0	99.9	999.
16.4	51.1	4944.9	550.0	-10.5	-38.5	99.9	99.9	99.9	99.9	319.6	314.1	0.1	97.0	99.9	999.
17.7	53.9	5301.0	525.0	-12.2	-42.3	99.9	99.9	99.9	99.9	323.5	315.0	0.1	97.0	99.9	999.
19.3	56.8	5670.6	500.0	-16.0	-44.1	99.9	99.9	99.9	99.9	327.5	315.0	0.1	97.0	99.9	999.
21.0	59.8	6054.8	475.0	-18.9	-47.0	99.9	99.9	99.9	99.9	331.5	315.0	0.1	97.0	99.9	999.
22.4	62.8	6458.1	450.0	-20.9	-48.9	99.9	99.9	99.9	99.9	335.5	315.0	0.1	97.0	99.9	999.
24.2	66.0	6875.9	425.0	-23.8	-50.7	99.9	99.9	99.9	99.9	339.5	315.0	0.1	97.0	99.9	999.
25.9	69.3	7318.1	400.0	-27.0	-52.8	99.9	99.9	99.9	99.9	343.5	315.0	0.1	97.0	99.9	999.
27.5	72.7	7777.8	375.0	-30.6	-54.8	99.9	99.9	99.9	99.9	347.5	315.0	0.1	97.0	99.9	999.
29.3	76.3	8264.8	350.0	-34.0	-57.2	99.9	99.9	99.9	99.9	351.5	315.0	0.0	97.0	99.9	999.
31.2	79.9	8779.6	325.0	-37.8	-59.8	99.9	99.9	99.9	99.9	355.5	315.0	0.0	97.0	99.9	999.
32.5	83.7	9326.8	300.0	-42.1	-62.8	99.9	99.9	99.9	99.9	359.5	315.0	0.0	97.0	99.9	999.
34.3	87.7	9910.1	275.0	-46.3	-65.3	99.9	99.9	99.9	99.9	363.5	315.0	0.0	97.0	99.9	999.
36.7	92.0	10537.7	250.0	-50.2	-68.0	99.9	99.9	99.9	99.9	367.5	315.0	0.0	97.0	99.9	999.
39.1	96.4	11218.3	225.0	-55.0	-70.7	99.9	99.9	99.9	99.9	371.5	315.0	0.0	97.0	99.9	999.
41.9	101.2	11987.5	200.0	-55.5	-73.3	99.9	99.9	99.9	99.9	375.5	315.0	0.0	97.0	99.9	999.
45.0	106.4	12824.7	175.0	-52.8	-76.0	99.9	99.9	99.9	99.9	379.5	315.0	0.0	97.0	99.9	999.
48.7	112.0	13813.6	150.0	-54.8	-78.8	99.9	99.9	99.9	99.9	383.5	315.0	0.0	97.0	99.9	999.
52.8	118.3	14885.4	125.0	-59.8	-81.2	99.9	99.9	99.9	99.9	387.5	315.0	0.0	97.0	99.9	999.
57.8	125.7	16351.1	100.0	-61.2	-84.3	99.9	99.9	99.9	99.9	391.5	315.0	0.0	97.0	99.9	999.
64.1	134.0	18127.5	75.0	-64.3	-87.0	99.9	99.9	99.9	99.9	395.5	315.0	0.0	97.0	99.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	399.5	315.0	0.0	97.0	99.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	403.5	315.0	0.0	97.0	99.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



STATION NO. 102  
POST, TEXAS

28 MARCH 1982

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	772.0	931.2	3.1	3.1	90.0	4.0	-4.0	0.0	281.9	295.2	5.1	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	89.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	13.8	826.2	925.0	2.3	2.0	99.9	99.9	99.9	99.9	281.6	294.0	4.8	97.9	999.9	999.9
1.1	16.2	1047.1	900.0	0.7	0.3	999.9	99.9	99.9	99.9	282.3	293.6	4.4	96.9	999.9	999.9
2.2	18.6	1273.1	875.0	-0.6	-1.0	999.9	99.9	99.9	99.9	283.2	293.6	4.1	96.8	999.9	999.9
3.1	21.0	1505.0	850.0	-0.4	-1.0	78.5	8.4	-8.3	-1.7	285.7	296.8	4.2	96.2	1.3	271.
4.0	23.5	1744.9	825.0	0.8	0.4	48.2	5.4	-3.9	-3.8	289.5	302.4	4.5	96.7	1.7	268.
4.9	25.9	1993.6	800.0	3.2	-0.9	316.5	4.7	3.1	-3.5	294.6	308.9	4.8	96.7	2.2	266.
6.0	28.4	2251.8	775.0	3.9	-1.9	288.8	7.5	3.1	-3.5	298.0	310.0	4.3	95.5	1.8	251.
7.3	30.9	2518.1	750.0	3.0	-3.1	291.2	8.8	8.2	-2.7	299.9	311.4	4.1	93.9	1.3	241.
8.6	33.5	2792.2	725.0	1.0	-5.3	286.4	12.6	11.8	-2.2	300.8	310.8	3.6	92.6	1.0	203.
9.8	36.1	3073.1	700.0	-1.5	-6.9	279.1	13.4	12.8	-3.8	301.8	310.3	3.3	92.6	1.4	158.
11.0	38.7	3361.9	675.0	-3.6	-8.3	277.1	15.5	15.7	-2.4	302.2	310.4	3.0	92.3	2.2	134.
12.5	41.3	3659.0	650.0	-6.0	-9.6	277.1	15.8	15.7	-2.0	302.2	310.5	2.8	92.3	2.4	120.
13.8	44.1	3965.0	625.0	-8.0	-13.2	284.7	13.6	13.2	-2.5	307.1	309.9	2.2	92.3	2.6	112.
15.2	46.9	4282.4	600.0	-7.8	-20.0	294.6	11.3	10.3	-4.7	307.1	309.9	2.2	92.3	2.8	112.
16.7	49.6	4612.6	575.0	-9.5	-32.2	296.0	11.1	10.0	-5.1	308.6	310.3	0.4	92.3	3.0	112.
18.3	52.4	4954.6	550.0	-11.7	-42.2	293.8	12.6	11.5	-5.1	310.3	311.4	0.3	92.3	3.2	114.
19.9	55.4	5309.3	525.0	-14.2	-42.2	295.5	13.1	11.8	-5.6	311.4	312.0	0.2	92.3	3.4	114.
21.4	58.4	5677.5	500.0	-17.1	-45.6	297.5	14.0	12.4	-6.3	312.2	312.7	0.1	92.3	3.6	114.
22.8	61.5	6059.5	475.0	-20.2	-47.3	294.5	15.2	13.8	-6.3	312.9	313.3	0.1	92.3	3.8	115.
24.3	64.6	6457.9	450.0	-22.9	-49.5	286.4	16.8	15.1	-4.8	314.4	314.8	0.1	92.3	4.0	115.
25.7	67.9	6874.3	425.0	-25.9	-52.1	279.1	19.2	18.9	-3.0	315.9	316.1	0.1	92.3	4.2	115.
27.6	71.3	7310.8	400.0	-29.3	-58.8	279.1	20.2	18.9	-3.1	317.0	317.2	0.1	92.3	4.4	115.
29.5	74.7	7768.5	375.0	-33.0	-58.5	279.5	22.3	18.9	-3.7	317.9	317.2	0.1	92.3	4.6	115.
31.4	78.3	8249.8	350.0	-37.1	-59.2	278.9	24.5	22.0	-3.8	318.7	318.1	0.0	92.3	4.8	115.
33.4	82.0	8757.8	325.0	-40.8	-59.9	274.4	25.9	24.2	-2.0	320.7	318.9	0.0	92.3	5.0	115.
35.5	86.0	9298.4	300.0	-44.5	-59.9	271.2	28.6	25.8	-0.6	322.6	318.9	99.9	92.3	5.2	115.
37.8	90.0	9875.2	275.0	-48.8	-59.9	270.2	32.9	28.6	-0.1	324.5	318.9	99.9	92.3	5.4	115.
40.3	94.3	10497.6	250.0	-51.8	-59.9	268.7	38.9	32.9	0.9	329.1	318.9	99.9	92.3	5.6	115.
42.9	98.8	11175.7	225.0	-54.9	-59.9	268.0	38.1	32.9	1.3	334.4	318.9	99.9	92.3	5.8	115.
45.9	103.8	11927.8	200.0	-55.2	-59.9	268.4	35.6	35.6	1.0	345.3	318.9	99.9	92.3	6.0	115.
49.3	109.0	12783.2	175.0	-53.7	-59.9	269.6	43.9	42.9	0.3	361.2	318.9	99.9	92.3	6.2	115.
52.8	114.7	13773.4	150.0	-54.9	-59.9	284.4	43.9	42.9	3.3	375.6	318.9	99.9	92.3	6.4	115.
57.1	121.0	14926.5	125.0	-59.5	-59.9	258.1	32.8	32.1	6.8	387.2	318.9	99.9	92.3	6.6	115.
62.6	128.3	16318.1	100.0	-62.7	-59.9	273.7	23.0	23.0	-1.5	406.7	318.9	99.9	92.3	6.8	115.
70.1	136.7	18082.1	75.0	-62.6	-59.9	99.9	99.9	99.9	99.9	441.8	318.9	99.9	92.3	7.0	115.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	318.9	99.9	92.3	7.2	115.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	318.9	99.9	92.3	7.4	115.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 102 POST, TEXAS															129 82. 1	
28 MARCH 1982																
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES																
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ EG	
0.0	12.8	772.0	932.8	2.7	2.7	80.0	3.0	-3.0	-0.5	281.4	294.3	5.0	100.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.4	13.5	839.9	925.0	1.4	0.9	999.9	99.9	99.9	99.9	280.8	292.3	4.4	99.9	99.9	99.9	
1.2	15.9	1060.3	900.0	0.5	-0.0	999.9	99.9	99.9	99.9	282.0	293.1	4.3	98.4	99.9	99.9	
1.9	18.2	1286.1	875.0	-1.0	-1.5	999.9	99.9	99.9	99.9	283.1	293.5	3.9	98.1	99.9	99.9	
2.7	20.5	1517.1	850.0	-2.2	-2.9	97.8	7.6	-7.5	1.0	283.8	293.5	3.6	95.1	0.7	268	
3.8	22.9	1755.8	825.0	0.2	-0.5	100.3	5.6	-5.5	-1.0	283.8	293.5	3.6	95.1	0.7	268	
4.4	25.4	2005.0	800.0	5.2	-0.2	325.1	3.3	1.9	-2.7	286.7	300.8	4.5	95.0	1.5	272	
5.5	27.8	2264.8	775.0	4.9	-3.4	289.2	6.1	5.8	-2.0	286.7	300.8	4.5	95.0	1.5	272	
6.4	30.2	2532.0	750.0	4.2	-6.9	290.9	8.8	8.2	-3.1	301.2	310.0	3.8	54.7	1.3	268	
7.4	32.7	2807.1	725.0	2.4	-9.4	287.2	11.0	10.5	-3.3	301.2	310.0	3.8	44.1	0.9	258	
8.5	35.3	3089.4	700.0	-0.1	-9.9	287.2	12.2	10.5	-3.3	302.3	309.9	2.6	41.5	0.8	218	
9.8	37.9	3379.4	675.0	-2.6	-10.4	287.8	14.3	13.7	-3.8	302.3	309.9	2.6	41.5	0.8	218	
10.6	40.5	3677.8	650.0	-5.0	-10.4	293.6	15.4	14.1	-4.4	302.3	309.9	2.6	41.5	0.8	218	
11.7	43.2	3984.9	625.0	-7.5	-11.5	290.9	16.0	14.9	-5.7	303.3	311.4	2.7	65.7	2.4	120	
12.8	45.9	4302.3	600.0	-8.2	-11.5	290.9	16.0	14.9	-5.7	303.3	311.4	2.7	65.7	2.4	120	
14.1	48.7	4631.9	575.0	-9.5	-11.5	292.0	13.5	12.9	-3.9	306.6	308.8	0.7	19.4	4.4	116	
15.5	51.5	4974.1	550.0	-11.8	-11.8	291.3	11.9	10.7	-4.2	308.9	308.9	0.2	8.5	5.3	114	
16.8	54.4	5328.6	525.0	-14.1	-14.1	289.7	11.9	10.7	-4.2	310.1	310.7	0.2	8.5	5.3	114	
18.4	57.4	5696.6	500.0	-17.3	-17.3	285.3	10.9	10.6	-4.0	311.5	312.0	0.1	8.1	6.3	114	
19.9	60.4	6078.9	475.0	-20.1	-20.1	282.4	12.3	12.0	-2.8	311.5	312.0	0.1	8.1	6.3	114	
21.6	63.5	6476.8	450.0	-23.8	-23.8	282.4	14.1	13.8	-2.9	313.2	313.5	0.1	8.6	8.3	112	
23.0	66.6	6891.6	425.0	-26.9	-26.9	279.9	17.4	17.1	-3.0	314.6	314.9	0.1	8.9	10.6	110	
24.9	70.0	7325.8	400.0	-30.5	-30.5	278.2	19.8	19.6	-2.8	315.4	315.6	0.1	8.9	11.9	108	
26.4	73.3	7781.2	375.0	-34.2	-34.2	276.2	20.5	20.4	-2.2	316.4	316.5	0.0	8.2	13.9	107	
28.2	76.7	8260.6	350.0	-37.9	-37.9	276.0	19.9	19.6	-2.1	317.7	317.8	0.0	8.2	15.8	105	
30.4	80.4	8767.7	325.0	-41.4	-41.4	275.9	20.5	20.4	-2.1	317.7	317.8	0.0	8.2	17.3	105	
32.5	84.3	9306.3	300.0	-45.6	-45.6	275.9	20.5	20.4	-2.1	319.6	319.9	99.9	99.9	20.4	104	
34.8	88.3	9880.0	275.0	-50.3	-50.3	274.8	22.9	22.8	-1.2	321.1	321.1	99.9	99.9	23.2	103	
37.2	92.5	10499.0	250.0	-53.7	-53.7	273.8	22.9	22.8	-1.9	322.4	322.4	99.9	99.9	26.3	102	
40.0	97.0	11178.7	225.0	-57.1	-57.1	272.8	29.6	29.5	-2.0	328.4	328.4	99.9	99.9	29.8	101	
43.1	101.8	11935.6	200.0	-54.6	-54.6	271.3	34.5	34.4	-1.7	336.3	336.3	99.9	99.9	35.6	100	
46.0	107.0	12790.8	175.0	-57.1	-57.1	269.5	30.1	30.1	-0.7	346.4	346.4	99.9	99.9	41.2	99	
49.8	112.8	13787.4	150.0	-59.9	-59.9	268.7	33.8	33.8	0.3	358.4	358.4	99.9	99.9	46.8	98	
54.3	119.2	14913.6	125.0	-57.1	-57.1	269.5	30.8	30.8	0.3	371.8	371.8	99.9	99.9	53.8	95	
58.8	126.5	16308.0	100.0	-80.7	-80.7	266.5	35.5	35.4	-2.1	386.5	386.5	99.9	99.9	62.7	95	
66.8	135.0	18080.0	75.0	-84.4	-84.4	274.9	32.0	32.9	-2.0	410.5	410.5	99.9	99.9	72.1	94	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	438.0	438.0	99.9	99.9	80.1	94	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA

27 MARCH 1982  
1100 GMT

154 32. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	1.0	1020.5	13.3	6.9	60.0	8.8	-7.6	-4.4	284.8	300.6	6.1	85.0	0.0	0.
0.5	7.1	171.7	1000.0	12.4	3.7	334.3	5.1	-2.2	-6.9	285.5	298.7	5.0	55.5	0.9	330.
1.0	9.6	383.4	975.0	10.5	3.4	31.2	8.1	-4.2	-6.9	285.7	298.6	5.0	61.5	1.0	222.
1.5	12.1	599.1	950.0	8.4	3.3	54.6	9.9	-8.1	-5.7	285.7	298.2	5.1	70.3	1.5	224.
2.0	14.7	818.8	925.0	6.3	2.6	62.6	9.8	-8.7	-4.5	285.7	298.3	5.0	77.0	1.9	228.
2.5	17.3	1043.4	900.0	5.5	1.3	61.3	6.1	-5.4	-2.9	287.2	299.7	4.7	74.1	2.3	231.
3.0	19.9	1274.2	875.0	7.0	-0.7	358.8	3.0	0.2	-3.0	291.0	302.4	4.2	58.1	2.5	227.
3.5	22.6	1513.9	850.0	8.1	4.1	296.9	3.7	3.3	-0.3	294.7	311.1	6.1	75.9	2.5	223.
4.0	25.3	1780.2	825.0	6.9	6.5	274.0	4.3	4.3	-0.3	295.9	316.4	7.6	100.1	2.4	219.
4.5	28.0	2013.5	800.0	6.0	5.4	999.9	99.9	99.9	99.9	297.6	315.5	7.1	95.8	2.2	218.
5.0	30.8	2273.4	775.0	4.5	2.9	999.9	99.9	99.9	99.9	297.4	315.4	5.8	94.5	2.2	219.
5.5	33.6	2540.2	750.0	2.5	1.8	999.9	99.9	99.9	99.9	297.4	315.4	5.8	94.5	2.2	219.
6.0	36.4	2813.7	725.0	0.9	-0.6	999.9	99.9	99.9	99.9	300.5	314.7	5.1	89.2	2.2	219.
6.5	39.3	3095.2	700.0	-1.1	-2.9	999.9	99.9	99.9	99.9	301.3	313.8	4.4	87.5	2.2	219.
7.0	42.2	3384.8	675.0	-3.1	-4.7	999.9	99.9	99.9	99.9	302.2	313.0	3.6	88.6	2.2	219.
7.5	45.1	3682.5	650.0	-5.6	-8.6	999.9	99.9	99.9	99.9	303.7	313.4	3.3	92.7	2.2	219.
8.0	48.1	3989.4	625.0	-7.7	-8.1	999.9	99.9	99.9	99.9	303.7	313.4	3.3	92.7	2.2	219.
8.5	51.1	4308.9	600.0	-7.5	-7.6	258.4	28.9	28.9	5.5	307.5	318.1	3.6	98.9	2.2	219.
9.0	54.1	4638.9	575.0	-7.2	-7.3	258.4	28.9	28.9	5.5	311.8	323.0	3.8	98.9	2.2	219.
9.5	57.5	4986.2	550.0	-7.8	-8.1	281.4	28.9	28.9	5.5	314.8	326.3	3.8	98.2	2.2	219.
10.0	60.7	5348.9	525.0	-10.2	-10.4	287.1	28.5	28.5	1.4	315.2	326.3	3.0	97.5	2.2	219.
10.5	64.1	5722.3	500.0	-11.7	-12.0	288.8	30.3	30.2	0.6	318.8	328.3	2.7	96.8	2.2	219.
11.0	67.4	6114.4	475.0	-13.8	-14.2	271.0	31.9	31.9	-0.6	320.9	329.9	2.3	96.5	2.2	219.
11.5	70.8	6523.8	450.0	-16.4	-16.8	277.7	33.6	33.3	-8.2	322.6	329.9	2.3	94.4	2.2	219.
12.0	74.1	6951.3	425.0	-19.7	-20.3	284.2	32.4	31.9	-8.1	323.8	329.9	1.8	93.5	2.2	219.
12.5	77.4	7399.2	400.0	-22.8	-23.4	284.2	32.9	31.9	-8.1	325.4	330.2	1.4	93.5	2.2	219.
13.0	80.7	7899.6	375.0	-25.9	-26.6	279.0	36.7	36.2	-5.8	327.3	331.9	0.8	89.4	2.2	219.
13.5	84.0	8385.9	350.0	-29.5	-30.7	278.1	39.8	39.2	-6.3	329.0	331.9	0.6	89.4	2.2	219.
14.0	87.3	8890.7	325.0	-33.4	-35.3	283.6	40.4	39.3	-9.5	330.7	332.7	0.3	82.5	2.2	219.
14.5	90.6	9447.2	300.0	-38.5	-41.2	285.2	39.6	38.2	-10.4	331.2	332.7	0.3	75.4	2.2	219.
15.0	93.9	10039.5	275.0	-43.3	-49.9	286.4	42.5	40.8	-12.0	332.6	333.6	99.9	99.9	2.2	219.
15.5	97.2	10673.3	250.0	-48.6	-59.9	288.4	44.3	42.1	-14.0	333.8	333.8	99.9	99.9	2.2	219.
16.0	100.5	11357.3	225.0	-54.3	-69.9	289.1	44.4	42.0	-14.6	334.4	333.8	99.9	99.9	2.2	219.
16.5	103.8	12100.5	200.0	-60.9	-79.9	290.6	46.1	43.2	-16.2	336.3	333.8	99.9	99.9	2.2	219.
17.0	107.1	12917.6	175.0	-66.9	-89.9	292.5	51.7	47.7	-19.8	339.5	333.8	99.9	99.9	2.2	219.
17.5	110.4	13854.8	150.0	-83.5	-99.9	292.5	40.8	37.7	-15.6	360.8	333.8	99.9	99.9	2.2	219.
18.0	113.7	14882.9	125.0	-83.0	-99.9	292.5	40.8	37.7	-15.6	360.8	333.8	99.9	99.9	2.2	219.
18.5	117.0	15911.1	100.0	-85.2	-99.9	275.4	27.4	27.3	-2.6	401.8	333.8	99.9	99.9	2.2	219.
19.0	120.3	16939.1	75.0	-63.3	-99.9	278.8	17.4	17.2	-2.1	440.3	333.8	99.9	99.9	2.2	219.
19.5	123.6	18061.1	50.0	-61.3	-99.9	258.5	7.8	7.6	1.6	498.1	333.8	99.9	99.9	2.2	219.
20.0	126.9	19183.1	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	333.8	99.9	99.9	2.2	219.

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	1.0	1021.7	13.7	6.1	100.0	8.8	-8.7	1.5	285.1	300.2	5.8	60.0	0.0	0.0
0.6	6.4	181.5	1000.0	11.9	4.0	61.9	14.1	-12.4	-6.3	285.1	298.5	5.1	58.5	0.5	238.
1.2	8.7	392.7	975.0	9.8	4.0	64.5	14.6	-13.1	-6.3	285.0	298.5	5.2	58.5	1.0	241.
1.9	11.1	607.8	950.0	8.0	4.3	66.3	12.5	-11.4	-5.0	285.3	300.3	5.5	77.4	1.6	242.
2.7	13.5	827.5	925.0	6.3	4.0	68.5	9.8	-9.4	-2.8	285.8	300.3	5.5	85.1	2.2	244.
3.5	15.8	1052.4	900.0	6.3	1.8	78.5	5.2	-5.1	-1.0	287.9	300.3	4.9	73.6	2.5	246.
4.3	18.2	1283.9	875.0	7.0	0.8	83.2	2.3	-2.0	-1.0	291.1	303.8	4.6	64.4	2.6	246.
5.1	20.7	1521.9	850.0	5.8	2.7	88.7	2.2	-1.4	-1.7	292.3	306.8	5.3	77.9	2.7	246.
6.0	23.3	1786.3	825.0	4.8	4.0	154.0	2.5	-1.1	2.3	293.7	311.0	6.5	98.3	2.8	245.
6.8	25.8	2017.7	800.0	5.1	5.0	205.8	7.9	3.4	9.8	296.5	315.2	6.9	99.8	2.8	249.
7.7	28.3	2276.8	775.0	3.4	3.4	212.4	11.6	6.2	10.3	297.5	314.8	6.3	99.9	2.2	258.
8.5	31.0	2542.7	750.0	2.0	1.9	217.1	13.0	7.8	10.3	298.7	315.0	5.9	99.7	1.8	271.
9.2	33.7	2815.4	725.0	-1.0	-9.4	224.0	15.7	10.9	11.3	298.3	305.9	5.9	99.7	1.5	289.
10.1	36.3	3095.0	700.0	-1.1	-27.6	231.3	18.6	14.5	11.6	301.2	303.1	6.0	99.7	1.4	328.
11.1	39.2	3384.5	675.0	-2.2	-22.2	237.0	20.0	18.8	10.9	303.2	306.2	1.0	99.9	1.8	8.
12.0	42.0	3683.1	650.0	-3.7	-17.0	240.0	21.0	19.8	10.1	304.7	309.5	1.6	99.9	2.6	28.
13.0	44.9	3991.3	625.0	-6.7	-11.5	250.5	20.1	17.4	7.0	304.8	312.4	2.5	98.7	3.7	37.
14.1	47.9	4311.2	600.0	-5.1	-5.3	272.8	22.0	22.0	-1.1	310.3	323.0	4.3	98.4	4.8	50.
15.3	50.9	4646.0	575.0	-6.1	-8.3	283.3	21.6	21.0	-5.0	312.9	325.0	4.2	98.3	6.9	62.
16.6	53.9	4993.5	550.0	-8.0	-11.2	286.4	20.4	19.6	-5.6	314.6	325.9	3.7	97.9	7.2	70.
18.2	57.0	5353.7	525.0	-10.6	-12.2	284.1	23.0	22.3	-5.6	315.7	325.2	3.1	95.0	8.9	78.
19.6	60.3	5728.9	500.0	-11.9	-14.2	278.0	26.3	26.1	-3.8	318.5	327.9	3.0	97.1	10.8	82.
20.9	63.5	6120.7	475.0	-13.8	-17.6	275.1	29.4	29.3	-2.8	320.9	329.3	2.7	96.7	12.0	85.
22.2	66.9	6529.8	450.0	-16.6	-17.6	275.3	30.6	30.5	-2.8	322.4	329.3	2.1	91.8	15.4	86.
23.7	70.3	6957.7	425.0	-19.3	-23.3	276.1	33.2	33.0	-3.5	324.2	328.7	1.3	89.1	18.1	88.
25.4	73.9	7405.7	400.0	-22.6	-26.8	276.4	38.1	37.9	-4.3	325.7	328.4	1.1	89.7	21.8	89.
27.2	77.6	7876.7	375.0	-25.7	-32.0	278.3	40.7	40.4	-5.2	327.6	330.9	0.9	75.9	25.9	90.
29.1	81.3	8373.9	350.0	-28.9	-38.9	279.8	44.4	43.9	-6.4	329.8	332.4	0.7	74.1	30.6	92.
31.2	85.3	8900.2	325.0	-32.8	-45.5	279.8	42.3	41.5	-7.2	331.5	332.9	0.4	54.0	36.3	93.
33.5	89.3	9458.1	300.0	-37.6	-48.9	281.5	40.5	39.7	-8.0	332.3	333.1	0.2	54.0	41.7	94.
35.7	93.8	10051.8	275.0	-42.8	-59.9	281.5	41.7	40.9	-8.3	332.2	333.1	0.2	99.9	47.1	95.
38.0	98.2	10686.8	250.0	-49.6	-69.9	284.4	47.7	46.2	-11.9	333.9	333.9	0.2	99.9	53.3	96.
40.5	102.8	11370.2	225.0	-54.8	-79.9	290.8	50.6	47.3	-18.0	334.6	333.9	0.2	99.9	60.3	97.
43.2	108.0	12113.9	200.0	-60.0	-89.9	293.2	49.2	45.2	-19.4	337.7	333.9	0.2	99.9	68.2	99.
46.0	113.2	12943.4	175.0	-62.7	-99.9	290.6	43.9	41.1	-15.4	346.5	333.9	0.2	99.9	75.7	100.
49.5	119.0	13891.7	150.0	-60.4	-99.9	289.8	36.2	34.1	-12.3	368.0	333.9	0.2	99.9	83.2	101.
53.2	125.0	15023.3	125.0	-61.1	-99.9	277.1	32.5	32.3	-4.0	403.4	333.9	0.2	99.9	91.3	101.
57.8	131.7	16396.2	100.0	-64.3	-99.9	277.0	26.9	26.7	-3.3	403.4	333.9	0.2	99.9	99.4	101.
63.8	138.0	18154.1	75.0	-64.1	-99.9	276.1	13.7	13.7	-1.8	403.4	333.9	0.2	99.9	107.3	101.
71.4	147.0	20664.2	50.0	-60.6	-99.9	184.7	3.2	0.8	-9.1	500.3	333.9	0.2	99.9	112.2	100.
84.6	156.0	25108.0	25.0	-50.7	-99.9	999.9	99.9	99.9	99.9	639.0	333.9	0.2	99.9	111.9	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STATION EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA  
27 MARCH 1982  
1715 GMT

TIME MIN	ONTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	EH PCT	RANGE KM	AZ DG
0.0	4.0	1.0	1021.8	12.9	7.8	90.0	10.3	-10.3	0.0	284.3	301.0	6.5	71.0	0.0	0.0
0.7	6.3	181.7	1000.0	10.0	5.7	69.5	15.8	-14.8	-5.5	283.8	298.6	5.7	71.2	0.5	248.
1.3	8.8	392.2	975.0	8.8	5.9	73.1	14.4	-13.8	-4.2	284.0	299.5	6.0	81.0	1.1	249.
2.0	11.3	605.7	950.0	6.9	6.0	82.4	10.8	-10.7	-1.4	284.2	300.2	6.2	94.3	1.6	252.
2.8	14.0	825.4	925.0	4.9	4.7	86.3	7.3	-7.2	-0.5	284.3	299.4	5.8	99.1	2.0	255.
3.6	16.6	1049.5	900.0	5.4	4.7	86.3	5.9	-5.9	-0.2	287.1	302.8	6.0	95.3	2.2	258.
4.4	19.2	1280.6	875.0	7.0	0.5	161.7	3.3	-1.0	3.1	291.0	303.3	4.5	93.2	2.5	260.
5.2	21.8	1519.8	850.0	7.4	3.6	242.2	6.9	6.1	3.2	293.6	309.6	5.8	76.6	2.8	263.
6.1	24.0	1766.2	825.0	7.5	7.4	249.4	9.2	9.2	3.5	296.6	317.8	7.9	99.4	1.9	268.
6.9	27.3	2020.0	800.0	6.8	5.2	246.2	12.5	11.5	5.1	298.6	317.4	7.0	89.4	1.4	290.
7.7	30.0	2280.7	775.0	5.4	2.9	235.3	14.7	12.1	8.4	299.6	316.5	6.1	84.1	0.8	293.
8.6	32.9	2548.2	750.0	3.5	-2.9	243.2	15.3	13.8	6.8	300.3	312.0	4.1	63.1	0.7	319.
9.5	35.7	2822.3	725.0	1.1	-4.2	254.4	17.6	16.9	4.7	300.7	311.7	3.9	67.4	1.3	35.
10.5	38.6	3104.0	700.0	-0.7	-4.4	268.3	17.0	17.0	1.1	301.8	313.0	3.2	75.6	2.1	55.
11.3	41.5	3394.6	675.0	-0.9	-1.2	278.4	14.8	14.6	-2.2	304.6	319.5	5.2	98.1	2.9	66.
12.2	44.4	3696.3	650.0	-1.7	-1.8	281.0	13.6	13.4	-2.6	307.1	322.0	5.2	98.1	3.5	73.
13.1	47.4	4008.3	625.0	-3.3	-3.4	999.9	99.9	99.9	99.9	308.7	322.6	4.4	98.6	99.9	99.9
14.0	50.5	4330.8	600.0	-4.9	-5.1	999.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA

27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	1.0	1019.6	13.0	6.1	90.0	10.3	-10.3	0.0	284.6	299.7	5.8	83.0	0.0	0.
0.7	7.2	163.7	1000.0	11.0	4.9	68.0	15.1	-14.0	-5.6	284.1	298.3	5.4	68.1	0.5	251.
1.4	9.0	374.3	975.0	8.9	5.1	70.3	15.4	-14.5	-5.2	284.1	298.8	5.7	77.2	1.3	250.
2.3	11.8	588.9	950.0	7.1	5.3	74.6	15.5	-13.0	-3.6	284.4	299.7	5.9	88.7	2.0	251.
3.0	13.8	807.8	925.0	5.2	4.8	83.2	12.5	-13.4	-1.5	284.7	299.9	5.9	98.0	2.6	252.
3.8	16.2	1031.6	900.0	4.6	4.8	99.6	10.8	-10.6	-1.8	288.2	301.7	5.9	100.3	3.1	255.
4.5	18.5	1282.4	875.0	7.1	-0.2	122.5	7.0	-5.9	3.8	291.2	303.0	4.3	98.6	3.4	259.
5.5	20.8	1501.7	825.0	8.2	7.3	173.6	4.3	-0.5	4.2	297.5	315.1	8.5	94.6	3.6	263.
6.4	23.2	1749.0	800.0	8.1	8.4	237.9	5.9	5.0	3.1	299.8	320.2	8.2	101.4	3.5	268.
7.2	25.6	2004.0	775.0	6.1	3.6	249.5	9.8	9.2	3.4	300.4	315.4	5.4	70.4	2.5	273.
8.1	28.0	2265.5	750.0	4.5	1.2	242.2	12.5	11.1	5.7	301.5	318.6	6.2	82.2	1.9	286.
9.1	30.5	2534.1	725.0	3.4	2.5	249.6	15.3	13.2	8.9	304.6	320.9	6.3	93.3	1.3	314.
10.1	33.0	2810.1	700.0	1.9	2.4	286.2	14.3	14.4	5.3	304.6	321.9	6.1	98.7	1.2	340.
11.2	35.8	3094.7	675.0	0.3	1.5	286.2	13.1	13.9	0.9	308.0	322.6	5.8	98.6	1.9	355.
12.3	38.2	3387.9	650.0	0.3	0.3	293.3	12.9	12.9	-5.1	307.4	322.7	4.8	98.3	2.7	382.
13.4	40.8	3690.3	625.0	-1.4	-1.4	292.9	14.4	13.2	-5.6	310.5	324.0	4.4	99.5	3.9	392.
14.8	43.6	4002.4	600.0	-3.3	-4.9	287.2	15.1	14.5	-4.5	312.1	324.0	4.0	98.9	5.1	395.
16.2	46.3	4325.0	575.0	-4.8	-6.9	283.8	16.1	15.6	-2.8	314.2	325.3	3.7	98.4	6.7	397.
17.6	49.1	4659.0	550.0	-6.7	-8.5	279.8	17.0	16.7	-0.6	316.2	326.2	3.3	97.7	8.2	397.
19.1	52.0	5005.8	525.0	-8.3	-10.5	271.8	17.9	17.9	-0.6	318.2	327.8	3.0	97.2	9.7	395.
20.6	55.0	5366.1	500.0	-10.2	-12.3	263.4	20.7	20.6	2.4	320.7	327.8	2.6	97.2	12.0	392.
22.1	58.0	5741.4	475.0	-11.9	-12.3	250.5	23.6	23.3	2.9	320.7	327.8	2.2	97.2	14.2	390.
23.7	61.1	6133.2	450.0	-14.0	-14.6	258.7	25.9	25.4	5.1	322.9	330.1	2.2	97.2	16.5	389.
25.2	64.3	6542.6	425.0	-16.2	-17.0	264.4	28.2	28.1	2.8	324.1	330.0	1.7	97.3	18.9	388.
26.9	67.8	6970.7	400.0	-19.4	-20.9	267.1	31.1	31.1	1.6	325.2	330.0	0.9	97.1	21.5	388.
28.8	71.0	7418.6	375.0	-22.4	-25.1	268.3	34.4	34.4	2.2	327.1	330.6	0.6	96.8	24.5	388.
30.4	74.6	7889.7	350.0	-26.0	-29.8	268.5	35.9	35.8	2.2	328.6	331.0	0.4	96.8	27.5	388.
32.3	78.3	8385.7	325.0	-29.8	-34.9	270.5	42.9	42.9	-0.5	329.7	332.7	0.2	96.8	31.8	389.
34.2	82.0	8909.3	300.0	-34.1	-45.2	276.3	47.2	46.8	-5.2	331.9	332.7	0.2	96.8	37.5	389.
36.3	86.0	9485.8	275.0	-38.0	-49.9	277.4	50.6	50.2	-6.6	333.2	333.2	0.2	96.8	44.2	390.
38.6	90.2	10059.1	250.0	-42.9	-55.9	279.8	53.9	53.1	-9.1	333.2	333.2	0.2	96.8	51.9	391.
41.1	94.6	10694.3	225.0	-48.6	-59.9	286.1	53.9	53.1	-14.8	333.2	333.2	0.2	96.8	60.1	392.
43.7	99.2	11379.5	200.0	-54.1	-63.2*	286.9	53.0*	50.7	-15.4	333.2	333.2	0.2	96.8	68.3	393.
46.2	104.5	12125.2	175.0	-60.0	-69.9	281.6	40.2*	39.4	-8.1	337.8	337.8	0.2	96.8	75.9	396.
49.1	109.5	12959.6	150.0	-68.4	-76.3	276.3	40.3*	40.8	-4.4	362.1	362.1	0.2	96.8	83.7	396.
52.1	115.2	13818.7	125.0	-82.7	-89.9	280.5	41.5*	40.8	-7.5	362.1	362.1	0.2	96.8	94.2	396.
56.3	121.7	15041.2	100.0	-85.4	-99.9	277.1	30.0*	29.7	-3.7	401.4	401.4	0.2	96.8	103.8	396.
61.2	129.2	16110.9	75.0	-85.3	-99.9	205.4	16.2*	13.2	-9.4	436.1	436.1	0.2	96.8	118.4	397.
67.1	137.5	18156.2	50.0	-85.3	-99.9	232.8	11.3*	9.0	-6.6	507.4	507.4	0.2	96.8	120.7	397.
75.8	147.5	20558.4	25.0	-57.8	-99.9	164.1	6.1	-1.7	5.9	531.1	531.1	0.2	96.8	120.7	397.
89.4	158.5	25100.0	25.0	-53.5	-99.9	164.1	6.1	-1.7	5.9	531.1	531.1	0.2	96.8	120.7	397.

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA  
27 MARCH 1982  
2300 GMT

159 29. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.2	1.0	1019.5	10.4	6.9	80.0	10.3	-10.1	-1.8	282.0	237.7	6.2	78.0	0.0	0
0.5	6.8	162.3	1000.0	9.9	6.1	1.2	4.1	-0.1	-4.1	283.1	238.3	5.9	77.0	0.7	250
1.1	8.6	371.9	975.0	7.3	5.1	45.6	8.5	-0.1	-5.9	282.5	237.0	5.7	85.9	0.8	243
1.9	10.5	585.2	950.0	5.3	4.4	02.7	13.5	-12.0	-6.2	282.6	236.9	5.6	94.2	1.4	241
2.7	12.5	802.8	925.0	3.6	2.9	71.3	12.8	-12.1	-4.1	283.0	236.2	5.1	94.8	2.1	243
3.6	14.7	1025.7	900.0	5.1	4.1	74.2	8.5	-8.1	-2.3	286.8	301.9	5.8	93.4	2.6	246
4.4	16.7	1258.2	875.0	9.5	8.6	23.1	4.8	-1.9	-4.4	293.6	315.1	8.1	94.4	2.9	246
5.1	18.8	1499.4	850.0	9.1	8.2	349.0	6.4	1.2	-6.3	295.7	317.3	8.1	94.1	3.0	246
5.9	21.0	1746.6	825.0	8.2	7.3	328.0	7.1	3.8	-6.0	297.3	318.4	7.8	93.8	3.0	235
6.8	23.3	2001.1	800.0	7.1	6.1	302.0	6.3	5.3	-5.3	298.8	318.9	7.1	93.0	3.0	228
7.8	25.5	2282.4	775.0	6.1	4.9	275.1	6.7	8.7	-5.6	300.4	319.8	7.1	91.9	2.9	223
8.7	27.9	2531.2	750.0	4.8	3.6	999.9	99.9	99.9	99.9	302.5	319.1	6.6	91.5	999.9	999
9.6	30.3	2807.4	725.0	2.8	1.5	999.9	99.9	99.9	99.9	303.9	319.4	5.5	91.2	999.9	999
10.6	32.8	3091.2	700.0	1.3	0.0	999.9	99.9	99.9	99.9	306.0	321.2	5.3	91.0	999.9	999
11.8	35.3	3384.1	675.0	0.3	-0.9	999.9	99.9	99.9	99.9	308.2	323.2	5.2	92.3	999.9	999
12.9	38.0	3686.5	650.0	-0.7	-1.8	999.9	99.9	99.9	99.9	310.4	325.2	5.1	94.8	999.9	999
14.1	40.7	4000.1	625.0	-3.3	-3.9	999.9	99.9	99.9	99.9	312.3	326.5	4.3	95.3	999.9	999
15.5	43.4	4324.8	600.0	-4.8	-5.5	247.5	25.5	23.9	8.8	314.3	327.8	4.4	95.0	6.2	78
16.7	46.2	4661.3	575.0	-6.6	-7.3	251.1	26.1	24.7	8.5	316.3	328.5	4.0	94.7	8.1	76
18.0	49.1	5010.5	550.0	-8.2	-8.9	257.1	26.9	26.2	6.0	318.6	330.0	3.7	94.1	10.2	76
19.3	52.0	5373.5	525.0	-10.5	-11.5	258.0	26.3	25.8	5.5	320.2	330.1	3.2	92.4	12.1	78
20.5	55.1	5751.3	500.0	-13.0	-14.1	255.6	26.2	25.4	6.5	321.8	330.4	2.7	91.4	14.1	76
21.8	58.4	6144.8	475.0	-15.5	-16.8	252.2	26.4	25.2	8.1	323.7	331.1	2.3	89.7	16.2	76
23.1	61.7	6555.3	450.0	-18.3	-19.8	252.2	27.2	26.1	8.1	325.5	331.6	1.9	87.6	18.2	76
24.4	65.1	6984.7	425.0	-21.8	-23.7	257.1	27.3	26.5	8.1	326.7	331.4	1.4	84.3	20.6	75
25.8	68.9	7434.6	400.0	-25.4	-27.7	263.8	30.0	28.8	3.2	327.9	331.5	1.0	81.1	23.4	75
27.2	72.6	7908.7	375.0	-29.1	-31.6	264.5	31.3	29.8	3.0	329.5	332.1	0.8	77.6	25.4	77
28.6	76.5	8404.0	350.0	-33.6	-36.7	266.2	33.5	31.2	2.2	330.4	332.2	0.5	73.4	28.2	78
30.0	80.7	8929.1	325.0	-38.8	-42.3	273.6	34.6	33.4	-1.0	330.7	331.8	0.3	69.2	31.7	78
31.7	85.2	9484.7	300.0	-44.4	-48.9	271.4	40.1	40.1	-10.6	331.0	331.9	99.9	99.9	35.5	81
33.5	89.8	10075.4	275.0	-49.6	-55.3	282.3	46.4	46.2	-14.3	332.4	333.7	99.9	99.9	40.3	82
35.4	94.8	10706.7	250.0	-55.3	-61.2	285.4	50.1	49.0	-14.5	333.9	335.9	99.9	99.9	53.1	87
37.5	100.0	11388.0	225.0	-61.2	-68.9	284.0	59.2	57.4	-13.0	334.4	336.0	99.9	99.9	61.0	89
39.8	105.8	12129.3	200.0	-65.1	-73.9	285.5	54.5	52.6	-13.0	335.9	337.9	99.9	99.9	70.5	92
42.1	112.0	12947.5	175.0	-68.4	-78.9	285.5	48.6	46.8	-13.0	336.0	338.0	99.9	99.9	78.5	92
45.4	119.0	13906.0	150.0	-62.1	-82.1	279.1	38.1	37.6	-13.0	337.9	339.9	99.9	99.9	86.7	92
48.7	126.7	15037.9	125.0	-66.6	-86.6	277.5	28.8	28.6	-13.0	339.1	339.9	99.9	99.9	94.7	92
52.8	135.0	16397.1	100.0	-68.4	-88.4	289.9	18.0	18.9	-8.1	433.8	339.9	99.9	99.9	98.1	94
57.9	144.0	18137.7	75.0	-68.4	-88.4	289.9	9.0	9.0	0.2	503.4	339.9	99.9	99.9	99.9	99.9
67.8	154.5	20625.9	50.0	-59.5	-99.9	268.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY.

STATION NO. 232  
BOOTHVILLE, LOUISIANA  
28 MARCH 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	1.0	1022.2	9.8	6.7	80.0	8.8	-8.7	-1.5	281.2	286.6	6.0	81.0	0.0	0.0
0.7	6.9	183.3	1000.0	8.4	6.5	58.4	13.3	-11.3	-7.0	281.6	297.1	6.1	81.0	0.0	0.0
1.5	9.4	392.0	975.0	6.3	5.7	54.6	13.5	-12.2	-5.8	281.6	297.1	5.9	81.0	0.0	0.0
2.3	12.0	604.9	950.0	5.2	5.0	74.1	14.1	-13.8	-3.9	282.5	297.3	5.8	81.0	0.0	0.0
3.1	14.7	822.4	925.0	3.4	2.9	86.7	14.5	-14.4	-0.8	282.5	297.3	5.1	81.0	0.0	0.0
4.0	17.3	1045.8	900.0	3.4	2.9	86.7	14.5	-14.4	-0.8	282.5	297.3	5.1	81.0	0.0	0.0
4.8	20.0	1277.8	875.0	7.5	5.3	45.6	18.5	-12.2	-6.0	282.5	303.5	6.3	81.0	0.0	0.0
5.9	22.7	1517.2	850.0	7.6	7.3	45.6	18.5	-6.1	-6.0	282.5	303.5	7.4	81.0	0.0	0.0
6.8	25.4	1763.7	825.0	7.1	7.4	3.2	10.3	-0.6	-10.3	284.2	311.0	7.7	81.0	0.0	0.0
7.7	28.2	2017.1	800.0	6.6	6.8	355.3	10.8	0.9	-10.8	284.2	311.0	7.7	81.0	0.0	0.0
8.5	31.0	2278.0	775.0	5.5	5.2	323.8	7.4	2.2	-7.0	288.2	318.4	7.5	81.0	0.0	0.0
9.4	33.8	2546.2	750.0	4.4	4.0	323.8	8.5	3.9	-5.2	288.2	318.4	7.5	81.0	0.0	0.0
10.4	36.6	2822.7	725.0	3.5	3.1	283.5	6.8	6.4	-1.5	301.3	320.2	6.8	81.0	0.0	0.0
11.4	39.8	3107.5	700.0	2.1	1.7	243.0	8.1	7.2	3.7	301.3	320.2	6.8	81.0	0.0	0.0
12.6	42.5	3400.7	675.0	0.4	-0.4	235.7	11.7	9.4	7.0	304.8	322.3	6.2	81.0	0.0	0.0
14.0	45.5	3703.9	650.0	0.0	-0.4	235.7	15.3	12.7	8.5	306.1	322.3	5.6	81.0	0.0	0.0
15.1	48.5	4018.3	625.0	0.0	-0.4	231.5	18.0	14.1	11.2	309.0	322.3	5.7	81.0	0.0	0.0
16.2	51.6	4344.2	600.0	-0.9	-1.4	223.0	19.7	13.3	14.5	311.4	322.3	5.6	81.0	0.0	0.0
17.2	54.8	4682.1	575.0	-2.2	-2.5	213.0	23.9	13.0	20.1	313.6	329.3	5.3	81.0	0.0	0.0
18.6	58.0	5032.8	550.0	-3.6	-3.9	224.4	24.7	17.2	17.6	315.8	330.7	5.0	81.0	0.0	0.0
20.1	61.1	5397.0	525.0	-5.6	-5.9	236.4	26.5	22.1	14.7	317.5	331.0	4.5	81.0	0.0	0.0
21.6	64.6	5778.2	500.0	-7.3	-7.7	240.3	28.3	24.6	14.0	319.7	332.8	4.1	81.0	0.0	0.0
23.5	68.0	6170.2	475.0	-9.9	-10.4	247.3	29.0	26.8	11.2	321.0	332.8	3.5	81.0	0.0	0.0
25.3	71.4	6581.3	450.0	-12.7	-13.7	258.1	28.2	27.6	5.8	322.3	331.1	2.8	81.0	0.0	0.0
27.1	75.1	7010.6	425.0	-15.4	-16.5	269.2	28.4	27.6	5.4	322.3	331.1	2.3	81.0	0.0	0.0
28.7	78.8	7450.4	400.0	-18.5	-20.0	284.7	28.6	26.5	2.5	325.3	331.1	1.8	81.0	0.0	0.0
30.7	82.7	7932.2	375.0	-21.7	-24.1	293.4	27.2	27.1	-1.6	326.8	331.1	1.4	81.0	0.0	0.0
32.5	86.7	8427.9	350.0	-25.9	-31.4	299.9	31.1	30.7	-5.4	327.3	339.8	0.7	81.0	0.0	0.0
34.1	90.7	8951.3	325.0	-30.0	-36.3	280.7	34.3	33.7	-6.4	328.3	330.7	0.5	81.0	0.0	0.0
36.9	94.8	9507.5	300.0	-34.3	-40.7	274.1	41.3	41.2	-3.0	329.5	330.7	0.2	81.0	0.0	0.0
40.4	99.2	10100.0	275.0	-37.9	-45.0	272.5	40.8	40.4	-1.8	331.9	332.8	0.2	81.0	0.0	0.0
43.7	103.8	10734.8	250.0	-43.2	-49.9	275.4	39.8	39.4	-3.7	332.6	332.8	0.2	81.0	0.0	0.0
47.1	108.8	11418.5	225.0	-48.5	-55.9	280.8	40.0	39.2	-7.5	334.0	332.8	0.2	81.0	0.0	0.0
51.6	113.8	12163.2	200.0	-54.4	-60.6	282.0	49.0*	48.0	-10.2	335.1	332.8	0.2	81.0	0.0	0.0
55.7	119.2	12983.9	175.0	-60.6	-66.7	280.3	47.5*	46.7	-8.5	336.9	332.8	0.2	81.0	0.0	0.0
59.8	125.0	13830.8	150.0	-64.2	-70.9	274.2	51.1*	51.0	-3.8	344.0	332.8	0.2	81.0	0.0	0.0
64.9	131.2	15047.4	125.0	-64.1	-70.9	262.7	47.0*	45.9	-10.3	359.6	332.8	0.2	81.0	0.0	0.0
70.9	137.7	16408.0	100.0	-63.6	-66.7	265.0	49.0*	47.1	-13.5	379.8	332.8	0.2	81.0	0.0	0.0
80.4	145.0	18145.5	75.0	-67.7	-70.9	265.3	31.2*	30.1	-8.2	399.0	332.8	0.2	81.0	0.0	0.0
92.9	152.7	20831.2	50.0	-67.7	-70.9	265.4	13.5*	8.7	-10.3	430.9	332.8	0.2	81.0	0.0	0.0
114.3	161.0	25013.5	25.0	-60.9	-70.9	265.4	7.9*	7.9	99.9	622.8	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA  
28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DG
0.0	4.5	1.0	1021.8	10.0	7.8	80.0	10.3	-10.1	-1.8	281.4	298.0	6.5	86.0	0.0	0.
0.6	6.6	179.1	1000.0	9.3	8.4	99.9	99.9	99.9	99.9	282.5	300.1	6.9	93.9	99.9	99.9
1.3	9.1	388.8	975.0	7.5	7.5	99.9	99.9	99.9	99.9	282.7	299.8	6.7	99.7	99.9	99.9
2.1	11.6	602.7	950.0	6.5	6.5	99.9	99.9	99.9	99.9	282.8	300.2	6.4	99.7	99.9	99.9
2.8	14.2	821.8	925.0	6.4	6.3	99.9	99.9	99.9	99.9	282.8	302.7	6.5	99.5	99.9	99.9
3.5	16.8	1048.6	900.0	9.1	8.1	99.9	99.9	99.9	99.9	290.9	312.1	8.1	100.0	99.9	99.9
4.3	19.3	1282.2	875.0	8.1	8.1	99.9	99.9	99.9	99.9	292.2	312.8	7.8	99.8	99.9	99.9
5.1	22.0	1521.7	850.0	7.4	7.4	99.9	99.9	99.9	99.9	293.9	314.2	7.6	99.7	99.9	99.9
5.9	24.7	1767.9	825.0	6.6	6.5	99.9	99.9	99.9	99.9	295.6	315.4	7.4	99.5	99.9	99.9
6.7	27.4	2020.8	800.0	5.5	5.4	99.9	99.9	99.9	99.9	297.0	316.2	7.1	99.3	99.9	99.9
7.5	30.1	2280.6	775.0	5.7	5.6	99.9	99.9	99.9	99.9	299.9	320.1	7.3	99.4	99.9	99.9
8.3	32.9	2549.4	750.0	5.0	4.9	99.9	99.9	99.9	99.9	302.0	322.1	7.4	99.3	99.9	99.9
9.1	35.8	2826.1	725.0	3.9	3.7	99.9	99.9	99.9	99.9	305.8	323.1	6.9	99.1	99.9	99.9
10.0	38.6	3111.6	700.0	3.0	2.8	99.9	99.9	99.9	99.9	308.0	324.8	6.7	98.7	99.9	99.9
11.1	41.5	3406.5	675.0	2.1	1.9	99.9	99.9	99.9	99.9	309.5	326.7	6.5	98.5	99.9	99.9
12.0	44.4	3711.1	650.0	0.5	0.3	99.9	99.9	99.9	99.9	311.9	329.0	6.0	98.5	99.9	99.9
12.8	47.4	4026.0	625.0	-0.5	-0.7	99.9	99.9	99.9	99.9	312.9	328.0	5.9	98.1	99.9	99.9
13.7	50.5	4351.9	600.0	-2.8	-3.0	99.9	99.9	99.9	99.9	315.9	328.4	5.1	98.1	99.9	99.9
14.9	53.5	4688.2	575.0	-5.5	-5.8	99.9	99.9	99.9	99.9	318.6	330.3	4.1	97.6	99.9	99.9
16.1	56.8	5038.1	550.0	-6.9	-7.2	99.9	99.9	99.9	99.9	320.2	330.5	3.8	96.4	99.9	99.9
17.3	59.9	5399.1	525.0	-8.2	-8.5	99.9	99.9	99.9	99.9	322.1	331.2	3.3	94.9	99.9	99.9
18.6	63.3	5777.0	500.0	-10.5	-11.0	99.9	99.9	99.9	99.9	324.8	331.3	2.9	93.0	99.9	99.9
19.8	66.6	6170.7	475.0	-12.8	-13.4	99.9	99.9	99.9	99.9	326.7	331.3	2.4	92.0	99.9	99.9
20.9	69.6	6580.8	450.0	-15.5	-16.4	99.9	99.9	99.9	99.9	328.0	330.1	1.7	90.5	99.9	99.9
22.2	73.6	7009.0	425.0	-19.2	-20.8	99.9	99.9	99.9	99.9	329.0	324.4	0.5	88.5	99.9	99.9
23.5	77.2	7453.9	400.0	-25.0	-26.4	99.9	99.9	99.9	99.9	326.0	324.1	0.0	86.0	99.9	99.9
24.9	81.0	7919.6	375.0	-31.7	-33.9	99.9	99.9	99.9	99.9	326.0	326.1	0.0	83.0	99.9	99.9
26.2	84.9	8410.8	350.0	-34.3	-36.1	99.9	99.9	99.9	99.9	329.4	330.4	0.3	81.0	99.9	99.9
27.7	88.9	8932.2	325.0	-38.6	-42.7	99.9	99.9	99.9	99.9	331.0	331.8	0.2	78.0	99.9	99.9
29.6	93.0	9487.1	300.0	-43.4	-47.9	99.9	99.9	99.9	99.9	332.4	333.0	0.2	75.0	99.9	99.9
31.5	97.4	10079.1	275.0	-49.1	-54.1	99.9	99.9	99.9	99.9	333.0	333.0	0.2	72.0	99.9	99.9
33.2	101.8	10712.4	250.0	-55.4	-60.0	99.9	99.9	99.9	99.9	333.7	333.7	0.2	69.0	99.9	99.9
35.3	106.8	11393.7	225.0	-59.4	-65.4	99.9	99.9	99.9	99.9	333.7	333.7	0.2	66.0	99.9	99.9
37.0	111.6	12138.0	200.0	-60.0	-68.0	99.9	99.9	99.9	99.9	333.7	333.7	0.2	63.0	99.9	99.9
39.3	117.0	12974.9	175.0	-63.7	-71.9	99.9	99.9	99.9	99.9	333.7	333.7	0.2	60.0	99.9	99.9
41.8	122.7	13927.8	150.0	-64.4	-74.2	99.9	99.9	99.9	99.9	333.7	333.7	0.2	57.0	99.9	99.9
44.7	128.7	15048.0	125.0	-65.7	-77.0	99.9	99.9	99.9	99.9	333.7	333.7	0.2	54.0	99.9	99.9
48.3	135.2	16409.7	100.0	-68.1	-81.1	99.9	99.9	99.9	99.9	333.7	333.7	0.2	51.0	99.9	99.9
52.8	142.0	18149.8	75.0	-68.1	-81.1	99.9	99.9	99.9	99.9	333.7	333.7	0.2	48.0	99.9	99.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	333.7	333.7	0.2	45.0	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	333.7	333.7	0.2	42.0	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 232  
BOOTHVILLE, LOUISIANA

28 MARCH 1982

181 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DG
0.0	4.8	1.0	1019.7	12.8	11.0	90.0	8.8	-8.8	0.0	284.9	304.8	8.1	88.0	0.0	0.
0.5	6.8	185.1	1000.0	11.7	10.9	358.5	6.0	0.2	-6.0	284.9	305.9	8.3	95.5	0.9	256.
1.3	9.3	378.7	975.0	10.0	9.7	83.5	10.7	-9.5	-4.8	285.2	305.2	7.8	98.3	1.1	248.
2.0	11.8	592.4	950.0	8.4	8.0	63.2	14.4	-14.3	-1.7	285.7	304.0	7.1	97.4	1.7	251.
2.7	14.3	812.9	925.0	7.6	7.2	96.8	14.1	-14.0	1.7	286.0	305.0	6.9	97.5	2.3	256.
3.5	16.9	1039.1	900.0	7.4	6.8	116.0	13.5	-12.2	5.9	286.3	309.1	6.8	93.4	2.9	262.
4.3	19.5	1271.6	875.0	7.4	6.5	122.4	11.5	-9.7	6.1	291.5	309.9	6.9	94.0	3.4	269.
5.0	22.1	1510.5	850.0	6.5	5.9	121.1	7.8	-6.7	4.0	292.9	311.3	6.7	98.4	3.8	273.
5.9	24.8	1755.6	825.0	5.5	5.1	999.9	99.9	99.9	99.9	294.5	312.2	6.6	97.2	4.0	275.
6.7	27.4	2007.7	800.0	5.7	4.5	999.9	99.9	99.9	99.9	297.2	315.2	6.6	92.2	999.9	999.
7.6	30.2	2268.2	775.0	5.5	0.8	999.9	99.9	99.9	99.9	299.8	314.4	5.2	71.5	999.9	999.
8.5	32.8	2535.8	750.0	3.8	1.4	999.9	99.9	99.9	99.9	300.7	315.3	5.2	77.5	999.9	999.
9.3	35.6	2810.9	725.0	2.2	0.5	999.9	99.9	99.9	99.9	301.9	318.4	5.7	94.1	999.9	999.
10.2	38.6	3094.2	700.0	0.7	0.0	999.9	99.9	99.9	99.9	303.3	319.4	5.7	98.3	999.9	999.
11.2	41.4	3386.8	675.0	0.2	0.0	999.9	99.9	99.9	99.9	305.9	322.1	5.3	98.5	999.9	999.
12.2	44.4	3689.1	650.0	-1.3	-1.5	999.9	99.9	99.9	99.9	307.5	322.8	5.3	98.2	999.9	999.
13.1	47.3	4001.2	625.0	-3.4	-3.8	999.9	99.9	99.9	99.9	308.6	322.3	4.7	97.9	999.9	999.
14.0	50.3	4323.7	600.0	-5.2	-5.5	999.9	99.9	99.9	99.9	310.1	322.6	4.2	97.7	999.9	999.
15.0	53.4	4657.1	575.0	-7.6	-10.0	999.9	99.9	99.9	99.9	311.1	320.6	3.2	83.5	999.9	999.
16.2	56.5	5001.1	550.0	-10.9	-24.1	999.9	99.9	99.9	99.9	311.2	314.5	1.0	33.0	3.3	86.
17.6	59.8	5357.7	525.0	-12.1	-55.8	273.8	28.3	28.2	-1.9	313.8	314.0	0.0	1.4	5.5	89.
19.0	63.0	5730.1	500.0	-13.1	-58.2	273.1	30.4	30.4	-1.6	317.1	317.3	0.0	1.0	8.0	90.
20.3	66.4	6119.2	475.0	-15.4	-59.7	270.7	31.4	31.4	-0.4	318.9	318.0	0.0	1.0	10.3	91.
21.5	69.9	6524.8	450.0	-18.5	-61.7	268.2	34.2	34.2	1.1	320.0	320.1	0.0	1.0	12.8	90.
22.8	73.3	6949.5	425.0	-20.5	-63.6	266.5	36.7	36.7	2.2	322.7	323.0	0.1	4.0	15.5	90.
24.3	76.9	7395.8	400.0	-23.4	-64.8	267.3	38.2	38.2	1.8	324.6	324.7	0.0	1.0	18.9	89.
25.8	80.7	7863.5	375.0	-28.1	-67.9	268.9	40.8	40.8	0.8	324.4	324.4	0.0	1.0	22.4	89.
27.4	84.7	8354.5	350.0	-32.5	-71.1	268.5	43.2	43.2	1.2	324.9	325.9	0.2	41.8	26.4	89.
29.2	88.7	8872.5	325.0	-36.6	-74.3	265.6	44.4	44.4	3.3	326.2	327.0	0.2	44.6	31.1	89.
31.1	92.8	9421.0	300.0	-41.7	-79.9	265.8	44.4	44.4	3.3	326.9	327.0	99.9	99.9	36.0	88.
33.0	97.2	10004.4	275.0	-47.2	-88.9	268.0	46.9	46.9	1.7	328.9	328.9	99.9	99.9	41.3	88.
35.2	101.8	10625.2	250.0	-51.6	-98.9	271.8	47.1	47.1	-1.5	329.1	329.1	99.9	99.9	47.5	88.
37.4	106.6	11309.7	225.0	-55.4	-99.9	275.8	47.1	47.1	-4.6	333.6	333.6	99.9	99.9	53.7	89.
39.9	111.8	12053.1	200.0	-57.8	-99.9	275.0	49.9	49.9	-4.4	341.3	341.3	99.9	99.9	60.9	90.
42.6	117.0	12899.3	175.0	-58.0	-99.9	268.1	44.1	44.1	1.5	357.5	357.5	99.9	99.9	68.8	90.
45.8	122.8	13874.2	150.0	-59.0	-99.9	263.1	49.6*	49.2	6.0	368.4	368.4	99.9	99.9	77.8	89.
49.3	129.0	15012.2	125.0	-61.9	-99.9	270.9	36.1*	36.1	-0.5	383.0	383.0	99.9	99.9	86.2	89.
53.2	135.7	16380.4	100.0	-66.0	-99.9	283.0	31.8*	31.0	-7.1	400.3	400.3	99.9	99.9	95.1	90.
58.1	143.0	18123.4	75.0	-69.2	-99.9	272.0	18.9*	16.9	-0.6	427.8	427.8	99.9	99.9	100.8	90.
65.3	151.0	20586.8	50.0	-60.0	-99.9	252.2	7.7	7.3	2.3	502.1	502.1	99.9	99.9	104.8	91.
75.3	159.3	25014.5	25.0	-52.0	-99.9	999.9	99.9	99.9	99.9	635.5	635.5	99.9	99.9	107.9	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI  
27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	91.0	1013.6	8.7	-5.0	50.0	4.6	-3.5	-3.0	278.8	285.7	2.0	43.0	0.0	0.0
0.4	8.5	201.6	1000.0	5.3	-7.3	58.9	9.2	-7.9	-4.8	278.4	284.3	2.0	39.6	0.2	238.
1.1	9.1	407.7	975.0	3.8	-9.1	61.4	12.3	-10.8	-5.9	278.9	284.3	2.0	38.4	0.6	239.
1.8	11.7	818.1	950.0	2.8	-12.1	60.1	14.9	-13.0	-7.4	279.8	284.3	1.3	28.1	1.2	240.
2.6	14.3	833.7	925.0	2.3	-17.1	58.0	14.3	-12.2	-7.6	281.7	284.9	1.1	22.3	1.8	240.
3.3	17.0	1054.1	900.0	0.8	-19.7	56.1	11.0	-9.1	-6.1	282.4	284.9	0.9	19.7	2.5	239.
4.0	19.7	1280.8	875.0	0.0	-20.5	80.6	5.2	-4.5	-2.6	285.2	287.1	0.8	17.5	2.8	239.
4.8	22.3	1514.2	850.0	2.2	-20.5	72.8	3.0	-2.9	-0.9	288.5	291.1	0.8	16.6	3.0	239.
5.7	25.1	1755.0	825.0	2.0	-20.8	3.4	1.1	-0.1	-1.1	290.7	293.4	0.9	16.4	3.1	240.
6.5	27.8	2003.5	800.0	2.5	-13.3	277.6	2.5	2.4	-0.3	293.8	299.0	1.8	16.2	3.0	239.
7.2	30.6	2280.2	775.0	0.8	-18.5	267.8	3.8	3.8	0.2	295.8	303.8	2.8	16.3	2.9	237.
7.9	33.3	2523.3	750.0	0.6	-10.3	253.8	4.5	4.4	1.3	295.9	303.8	2.8	16.3	2.7	236.
8.7	36.1	2793.1	725.0	0.2	-9.3	249.6	4.8	4.5	1.7	296.0	303.8	2.8	16.3	2.5	234.
9.7	38.9	3089.6	700.0	0.2	-10.4	245.0	6.1	5.4	2.6	295.6	303.4	2.5	16.6	2.2	233.
10.7	41.8	3353.1	675.0	0.5	-10.6	235.5	6.6	5.4	3.7	296.1	303.4	2.5	16.6	1.8	230.
11.6	44.8	3645.6	650.0	0.7	-8.0	231.3	9.8	7.7	6.2	300.0	309.3	3.2	16.2	1.4	231.
12.7	47.7	3951.4	625.0	0.7	-7.8	999.9	99.9	99.9	99.9	303.7	313.6	3.4	16.2	0.8	226.
13.7	50.7	4289.1	600.0	0.8	-8.9	999.9	99.9	99.9	99.9	306.0	315.6	3.3	16.2	0.8	226.
14.8	53.7	4598.3	575.0	0.9	-10.4	999.9	99.9	99.9	99.9	307.9	318.8	3.0	16.2	0.8	226.
15.6	56.6	4939.9	550.0	0.9	-12.4	999.9	99.9	99.9	99.9	309.8	317.7	2.7	16.2	0.8	226.
16.9	59.9	5295.3	525.0	0.9	-13.1	999.9	99.9	99.9	99.9	312.9	321.0	2.3	16.2	0.8	226.
18.1	63.1	5666.2	500.0	0.9	-15.7	999.9	99.9	99.9	99.9	314.2	321.2	2.3	16.2	0.8	226.
19.5	66.4	6051.9	475.0	0.9	-18.3	999.9	99.9	99.9	99.9	315.3	320.8	1.3	16.2	0.8	226.
20.8	69.7	6453.7	450.0	0.9	-19.4	999.9	99.9	99.9	99.9	316.7	321.1	1.1	16.2	0.8	226.
22.1	73.1	6874.0	425.0	0.9	-22.9	999.9	99.9	99.9	99.9	318.9	322.6	1.0	16.2	0.8	226.
23.6	76.7	7316.2	400.0	0.9	-25.4	999.9	99.9	99.9	99.9	322.3	325.7	1.0	16.2	0.8	226.
25.1	80.3	7781.9	375.0	0.9	-32.5	999.9	99.9	99.9	99.9	323.4	325.7	0.7	16.2	0.8	226.
26.7	84.0	8271.9	350.0	0.9	-37.5	999.9	99.9	99.9	99.9	324.7	326.2	0.4	16.2	0.8	226.
28.4	87.8	8789.1	325.0	0.9	-41.6	284.4	43.4	42.1	-10.8	325.9	327.0	0.3	16.2	0.8	226.
29.8	91.8	9338.2	300.0	0.9	-49.9	278.5	48.0	47.4	-7.1	327.8	327.0	0.3	16.2	0.8	226.
32.2	96.2	9928.2	275.0	0.9	-51.7	275.3	51.7	51.5	-4.8	330.5	327.0	0.3	16.2	0.8	226.
34.3	100.5	10558.9	250.0	0.9	-53.7	279.9	54.5	53.7	-9.3	331.8	327.0	0.3	16.2	0.8	226.
36.9	105.2	11238.8	225.0	0.9	-55.6	283.7	59.9	58.2	-14.1	333.3	327.0	0.3	16.2	0.8	226.
39.6	110.0	11976.1	200.0	0.9	-59.9	283.8	59.9	58.2	-14.1	334.2	327.0	0.3	16.2	0.8	226.
42.5	115.4	12795.7	175.0	0.9	-62.5	284.5	52.1	50.5	-13.0	346.8	327.0	0.3	16.2	0.8	226.
45.3	121.2	13747.7	150.0	0.9	-60.0	285.9	48.4	46.8	-12.7	368.8	327.0	0.3	16.2	0.8	226.
48.7	127.7	14887.3	125.0	0.9	-59.9	279.3	22.4	31.9	-5.2	386.7	327.0	0.3	16.2	0.8	226.
52.5	137.7	16267.1	100.0	0.9	-59.9	280.9	20.0	19.6	-3.6	405.3	327.0	0.3	16.2	0.8	226.
56.7	143.0	18030.6	75.0	0.9	-59.9	317.8	19.0	12.8	-14.1	441.3	327.0	0.3	16.2	0.8	226.
62.7	152.0	20559.4	50.0	0.9	-59.9	263.4	6.8	6.7	0.8	508.4	327.0	0.3	16.2	0.8	226.
74.7	182.0	24953.4	25.0	0.9	-54.9	259.3	7.2	7.0	1.3	627.0	327.0	0.3	16.2	0.8	226.

\* BY TEMP MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI  
27 MARCH 1982  
1500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	91.0	1015.1	6.7	-5.9	80.0	5.2	-4.5	-2.6	278.7	285.1	2.4	40.0	0.0	0.
0.3	6.8	213.8	1000.0	5.5	-8.8	172.1	8.8	-1.2	8.8	278.7	284.0	2.0	34.8	0.3	342.
0.9	9.4	419.9	975.0	3.3	-10.0	93.0	11.9	-11.9	0.6	278.5	283.5	1.8	36.7	0.4	349.
1.7	12.1	629.6	950.0	1.3	-10.4	64.7	18.3	-15.6	-7.8	278.5	283.5	1.5	41.0	1.0	258.
2.5	14.8	843.6	925.0	-0.4	-12.9	70.2	16.6	-15.6	-5.6	278.5	283.5	1.5	38.1	1.7	257.
3.3	17.6	1062.7	900.0	0.3	-17.2	65.7	15.5	-14.1	-6.4	281.9	285.0	1.1	25.4	2.5	252.
4.1	20.3	1289.0	875.0	1.2	-21.1	72.3	10.1	-9.6	-3.1	285.1	287.5	0.8	25.4	2.5	252.
4.8	23.1	1522.3	850.0	1.3	-21.9	69.0	7.0	-6.5	-2.5	287.4	289.7	0.8	16.8	3.5	252.
5.6	25.8	1762.1	825.0	0.6	-22.4	64.7	4.1	-3.7	-1.7	289.2	291.5	0.8	15.8	3.5	252.
6.5	28.6	2009.1	800.0	0.5	-22.6	50.6	3.1	-2.4	-2.0	291.7	294.0	0.8	15.6	3.5	252.
7.4	31.3	2263.0	775.0	-1.0	-15.3	69.7	2.2	-2.0	-0.8	293.5	297.1	1.5	32.8	4.0	250.
8.3	34.1	2524.0	750.0	-2.8	-8.2	159.7	3.1	-1.1	-0.9	293.5	302.5	3.2	77.2	4.1	251.
9.2	37.0	2791.8	725.0	-4.9	-5.6	203.4	7.3	-2.9	6.7	298.2	303.8	3.5	94.2	4.1	254.
10.1	39.9	3068.3	700.0	-3.9	-3.9	236.6	14.6	12.2	8.1	298.2	309.7	4.1	99.7	3.5	250.
11.1	42.8	3356.3	675.0	-3.6	-3.6	255.7	20.2	19.6	5.0	301.6	314.0	4.3	99.7	2.4	268.
12.1	45.8	3654.4	650.0	-4.7	-4.8	265.1	20.9	19.6	5.0	303.6	315.5	4.1	99.5	1.2	268.
13.1	48.8	3963.1	625.0	-5.6	-5.7	272.0	20.9	11.8	-0.4	308.1	317.7	4.0	99.5	0.1	268.
14.2	51.8	4282.3	600.0	-8.0	-8.8	306.8	24.8	19.9	-14.9	308.9	316.6	3.3	93.8	0.8	111.
15.4	54.9	4612.2	575.0	-9.9	-11.5	295.1	19.6	17.7	-8.3	308.4	316.7	2.8	88.4	2.5	132.
16.8	58.0	4953.8	550.0	-12.0	-15.0	278.9	30.9	30.7	-9.2	309.9	318.5	2.2	78.1	3.9	117.
17.8	61.3	5309.4	525.0	-13.3	-16.1	288.8	28.6	27.1	-9.2	312.4	318.9	2.1	79.5	6.3	113.
19.1	64.8	5679.5	500.0	-15.7	-17.8	285.4	26.2	26.2	-7.2	313.9	319.8	1.9	83.6	8.4	112.
20.3	67.9	6084.9	475.0	-18.3	-18.5	278.7	29.1	28.7	-4.4	315.4	321.3	1.5	97.5	10.4	102.
21.8	71.4	6467.9	450.0	-20.2	-20.9	275.2	32.3	32.1	-3.5	317.9	323.1	1.5	97.5	12.9	102.
23.1	74.9	6889.0	425.0	-23.2	-26.1	275.2	32.3	32.1	-3.0	319.2	323.1	0.9	94.3	15.7	105.
24.5	78.4	7330.1	400.0	-26.7	-30.2	271.7	32.7	32.7	-1.0	320.3	322.5	0.6	59.4	18.3	103.
26.1	82.2	7793.0	375.0	-30.1	-36.8	276.2	34.2	34.0	-3.7	321.8	323.3	0.4	51.5	21.3	103.
27.7	86.0	8280.7	350.0	-33.5	-41.0	280.7	38.6	37.9	-7.2	323.6	324.7	0.3	46.3	24.9	102.
29.3	90.0	8799.0	325.0	-35.6	-43.2	280.4	43.9	43.2	-7.9	327.6	328.6	0.3	45.1	28.8	101.
30.9	94.0	9351.7	300.0	-38.9	-46.1	278.4	48.2	47.7	-7.1	330.6	330.9	99.9	99.9	33.3	101.
32.6	98.3	9942.4	275.0	-44.1	-49.9	278.1	51.3	48.1	-6.8	331.4	331.9	99.9	99.9	38.4	100.
34.8	102.8	10573.4	250.0	-49.9	-55.9	277.6	51.3	48.1	-6.8	331.9	331.9	99.9	99.9	41.2	100.
36.7	107.6	11252.5	225.0	-56.2	-58.4	278.2	52.6	51.6	-7.5	332.5	332.5	99.9	99.9	50.8	100.
38.1	112.6	11896.2	200.0	-58.4	-58.4	283.6	52.6	51.6	-12.4	340.3	339.9	99.9	99.9	58.2	100.
41.8	118.0	12830.5	175.0	-60.0	-60.0	285.1	50.9	49.1	-13.3	350.9	350.9	99.9	99.9	68.2	101.
44.9	123.7	13795.4	150.0	-60.0	-60.0	284.0	37.8*	36.6	-9.1	366.8	366.8	99.9	99.9	75.0	101.
48.8	130.0	14938.2	125.0	-58.0	-59.9	280.2	35.2*	34.6	-8.2	389.9	389.9	99.9	99.9	83.3	101.
53.3	136.7	16337.4	100.0	-61.5	-61.5	279.1	19.5	19.5	-3.1	409.0	409.0	99.9	99.9	90.5	101.
59.2	144.3	18115.7	75.0	-62.9	-62.9	281.8	19.1*	18.7	-3.9	441.1	441.1	99.9	99.9	98.3	101.
67.0	152.3	20654.2	50.0	-58.0	-59.9	285.4	7.0	6.8	-1.9	508.8	508.8	99.9	99.9	102.9	101.
79.9	161.0	25109.4	25.0	-49.5	-49.5	999.9	99.9	99.9	99.9	642.4	642.4	99.9	99.9	105.3	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI

27 MARCH 1982  
1800 GMT

TIME MIN	ONTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.7	4.8	91.0	1015.6	9.4	-6.0	70.0	7.7	-7.2	-2.6	281.3	287.8	2.4	33.0	0.0	0.
0.7	6.4	218.4	1000.0	6.6	-9.8	81.2	7.6	-8.7	-3.7	279.8	284.7	1.8	33.8	0.0	250.
1.4	9.0	425.3	975.0	4.6	-10.2	82.9	8.2	-7.4	-3.6	279.8	284.7	1.8	33.0	0.0	245.
2.0	11.5	636.2	950.0	2.8	-10.3	83.9	8.8	-7.8	-4.0	280.0	285.0	1.8	37.2	0.0	246.
2.6	14.1	851.1	925.0	0.8	-11.0	80.1	9.6	-8.4	-4.8	279.9	284.8	1.8	41.5	1.2	244.
3.5	16.7	1070.4	900.0	0.8	-12.6	84.9	11.4	-10.3	-4.8	280.7	285.1	1.6	40.2	1.8	243.
4.4	19.2	1295.5	875.0	-0.4	-15.6	82.5	10.4	-9.3	-4.8	283.4	287.1	1.3	31.4	2.4	244.
5.2	21.9	1527.7	850.0	-0.2	-16.8	70.5	6.3	-8.0	-2.1	286.0	293.5	1.6	82.1	2.8	243.
6.0	24.5	1767.2	825.0	1.5	-13.8	108.8	3.0	-2.1	0.9	290.8	296.5	2.0	31.4	3.0	245.
6.9	27.2	2014.4	800.0	-0.3	-11.5	133.8	2.9	3.3	3.8	291.1	296.5	2.0	57.3	3.1	247.
7.9	29.9	2267.3	775.0	-0.7	-9.8	221.0	5.0	3.3	3.8	295.8	309.2	4.9	100.0	2.6	248.
8.7	32.8	2528.7	750.0	-0.7	-1.2	279.4	11.3	11.3	-0.1	298.2	311.6	4.8	98.7	1.9	234.
9.7	35.3	2799.9	725.0	-1.2	-1.8	278.1	16.1	15.9	-2.6	300.6	314.1	4.8	98.9	1.4	202.
10.7	38.1	3079.8	700.0	-1.7	-3.1	279.9	17.8	17.6	-2.5	302.3	315.1	4.5	98.2	1.5	159.
11.8	40.9	3369.2	675.0	-3.0	-5.9	287.9	16.4	16.2	-2.8	303.6	314.6	3.8	92.2	2.3	137.
12.9	43.8	3667.6	650.0	-4.8	-8.7	292.1	13.1	12.4	-4.0	305.2	314.5	3.2	82.8	3.0	131.
13.9	46.6	3975.7	625.0	-6.3	-9.7	284.5	17.1	16.8	-4.3	307.2	316.3	3.1	85.3	3.9	126.
15.0	49.5	4294.5	600.0	-7.7	-11.4	274.9	19.7	19.6	-1.7	308.4	316.8	2.8	88.3	5.1	113.
16.2	52.5	4624.8	575.0	-9.9	-13.6	266.6	20.3	20.2	1.2	309.9	317.3	2.4	87.1	6.4	109.
17.4	55.5	4966.8	550.0	-11.9	-16.5	267.5	20.5	20.5	0.9	311.4	317.8	2.0	82.9	7.9	107.
18.7	58.8	5321.8	525.0	-14.2	-18.7	277.2	22.8	22.6	-2.9	313.4	318.9	1.7	80.1	9.6	105.
20.1	61.8	5690.6	500.0	-18.1	-21.4	282.1	24.3	23.7	-5.1	314.8	319.4	1.4	78.0	11.5	104.
21.4	65.0	6075.2	475.0	-18.7	-24.5	278.5	27.0	26.7	-4.0	316.8	320.6	1.2	73.6	13.8	104.
22.8	68.3	6476.9	450.0	-21.0	-27.2	276.1	29.5	29.3	-3.1	319.1	322.3	1.0	70.0	16.2	103.
24.3	71.6	6897.4	425.0	-23.3	-31.0	272.9	31.3	31.3	-1.6	320.1	323.6	0.7	67.6	18.9	101.
25.9	75.1	7337.9	400.0	-26.8	-34.5	271.2	35.0	35.0	-0.7	321.7	323.6	0.5	65.6	22.1	100.
27.5	78.7	7800.7	375.0	-30.2	-38.6	274.5	38.2	38.1	-3.0	322.9	324.3	0.4	62.7	25.9	99.
29.2	82.3	8287.9	350.0	-34.0	-41.3	276.7	42.8	42.6	-5.0	326.1	327.2	0.3	62.4	30.4	98.
31.1	86.2	8803.7	325.0	-36.7	-45.9	277.9	47.0	46.6	-6.5	327.6	327.6	0.3	62.4	35.5	98.
33.0	90.2	9353.4	300.0	-41.0	-49.9	276.4	54.3	54.0	-8.1	329.4	329.4	0.3	62.4	41.8	98.
35.1	94.3	9939.3	275.0	-45.5	-55.9	276.2	57.5	57.2	-8.2	331.7	331.7	0.3	62.4	49.2	98.
37.2	98.7	10568.8	250.0	-50.1	-59.9	275.5	55.7	55.4	-5.3	332.9	332.9	0.3	62.4	57.5	98.
39.6	103.4	11248.0	225.0	-55.9	-59.9	279.6	53.7	53.0	-8.9	338.2	338.2	0.3	62.4	65.7	97.
42.1	108.4	11989.1	200.0	-59.7	-59.9	282.0	50.0	48.9	-13.4	354.9	354.9	0.3	62.4	75.2	98.
45.1	113.7	12828.0	175.0	-57.6	-59.9	286.8	45.8	43.6	-13.4	368.8	368.8	0.3	62.4	83.0	99.
48.1	119.5	13798.2	150.0	-58.8	-59.9	289.9	45.8	43.6	-13.4	387.4	387.4	0.3	62.4	93.4	99.
52.0	126.0	14942.3	125.0	-59.4	-59.9	293.3	45.8	43.6	-13.4	411.1	411.1	0.3	62.4	98.1	99.
56.7	133.3	16342.9	100.0	-60.4	-59.9	298.4	45.8	43.6	-13.4	443.0	443.0	0.3	62.4	106.5	99.
62.8	142.0	18125.5	75.0	-62.0	-59.9	299.9	45.8	43.6	-13.4	507.8	507.8	0.3	62.4	111.3	99.
70.9	152.0	20655.0	50.0	-57.7	-59.9	299.9	45.8	43.6	-13.4	536.8	536.8	0.3	62.4	99.9	99.
83.6	162.5	25122.6	25.0	-51.5	-59.9	299.9	45.8	43.6	-13.4	536.8	536.8	0.3	62.4	99.9	99.

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	91.0	1012.7	9.4	-4.2	60.0	8.2	-7.1	-4.0	281.5	289.0	2.8	38.0	0.0	0.
0.3	7.1	195.3	1000.0	8.3	-6.4	58.5	9.0	-7.5	-5.1	281.4	287.9	2.4	34.7	0.2	246.
1.0	9.7	403.5	973.0	6.1	-7.7	57.8	9.7	-8.2	-5.1	281.3	287.2	2.2	34.7	0.5	241.
1.7	12.3	615.3	950.0	3.7	-8.9	58.7	10.2	-8.7	-5.3	281.0	286.6	2.1	39.1	0.9	240.
2.5	15.0	831.1	925.0	1.8	-9.8	55.3	9.9	-8.1	-5.6	281.2	286.9	2.1	44.8	1.4	239.
3.2	17.7	1051.2	890.0	0.1	-9.8	55.3	9.7	-7.8	-5.8	281.4	286.9	2.0	47.7	1.6	238.
4.0	20.3	1276.8	875.0	1.0	-9.8	55.8	8.4	-6.9	-4.7	284.8	292.8	2.0	47.7	1.8	238.
4.8	23.0	1510.4	850.0	1.5	-5.8	82.0	5.2	-5.1	-0.7	287.7	295.7	2.9	58.3	2.8	238.
5.6	25.8	1751.2	820.0	2.3	1.6	204.1	2.5	1.0	2.3	291.1	304.8	5.1	92.7	2.7	239.
6.4	28.6	2000.2	800.0	1.8	1.1	278.7	6.4	6.3	-1.0	293.1	307.7	5.4	98.5	2.5	230.
7.2	31.3	2256.8	775.0	1.3	1.1	283.3	7.5	7.3	-0.4	295.2	309.9	5.4	98.5	2.3	230.
8.0	34.1	2520.2	750.0	-0.2	-0.5	273.3	7.6	7.6	-0.4	298.4	309.9	4.9	97.5	2.1	222.
8.9	36.9	2791.5	725.0	-0.9	-1.3	268.6	7.5	7.6	0.2	298.5	311.9	4.8	97.4	1.8	213.
9.8	39.8	3071.5	700.0	-2.5	-2.9	276.2	7.9	7.4	-0.8	299.7	312.2	4.4	97.1	1.6	200.
10.8	42.8	3358.8	675.0	-3.9	-4.2	286.1	7.9	7.6	-2.2	301.3	313.1	4.1	97.7	1.6	184.
11.8	45.7	3657.5	650.0	-5.0	-5.3	296.1	9.5	8.5	-4.2	303.3	314.7	4.0	97.5	1.8	169.
12.8	48.6	3957.4	625.0	-6.5	-7.0	297.2	11.3	10.0	-5.2	305.6	315.5	3.6	98.6	2.2	157.
13.8	51.6	4284.3	600.0	-7.4	-9.4	291.5	12.3	11.4	-4.5	307.5	318.8	3.1	85.8	2.8	147.
14.9	54.8	4614.9	575.0	-9.3	-13.2	289.0	14.8	14.0	-4.8	309.1	318.8	2.4	73.0	3.8	139.
15.9	57.9	4957.6	550.0	-11.6	-17.5	285.7	19.2	18.2	-6.3	310.4	315.8	1.8	61.5	4.5	132.
16.9	61.1	5313.0	525.0	-13.7	-18.8	277.9	24.1	23.2	-6.5	311.9	318.0	1.9	77.3	5.7	127.
18.0	64.4	5683.2	500.0	-15.1	-15.4	272.9	29.3	29.1	-4.0	314.6	321.7	2.3	97.5	7.4	121.
19.2	67.7	6070.3	475.0	-16.6	-16.8	272.3	32.6	32.6	-1.7	317.5	324.2	2.2	97.5	9.4	115.
20.5	71.1	6475.0	450.0	-18.8	-24.3	272.3	35.2	35.2	-1.4	318.4	324.2	2.2	98.0	11.7	110.
21.7	74.6	6896.7	425.0	-23.1	-32.5	271.9	37.6	37.6	-1.2	319.4	324.2	0.6	41.5	14.5	107.
23.3	78.2	7337.6	400.0	-28.5	-33.9	268.8	40.4	40.3	2.3	320.5	324.2	0.5	49.8	17.9	104.
24.7	81.9	7802.8	375.0	-28.3	-38.3	261.9	43.7	43.3	6.1	324.1	325.7	0.4	45.9	21.5	100.
26.4	85.7	8294.1	350.0	-32.1	-38.0	259.0	44.6	43.8	8.5	325.5	327.0	0.4	55.1	25.7	97.
28.0	89.7	8813.2	325.0	-36.0	-43.3	263.7	45.6	45.4	5.0	327.1	328.0	0.2	46.5	29.7	94.
29.5	93.8	9333.8	300.0	-40.5	-49.9	269.5	48.0	48.0	0.4	328.2	328.0	95.9	99.9	34.1	94.
31.3	98.2	9951.1	275.0	-44.5	-59.9	270.7	54.2	54.2	-0.6	330.7	328.0	95.9	99.9	39.2	93.
33.0	102.6	10582.9	250.0	-49.3	-69.9	269.3	56.7	56.7	0.6	332.8	328.0	95.9	99.9	45.1	93.
35.2	107.4	11264.9	225.0	-54.7	-79.9	268.3	58.0	58.0	1.7	334.7	328.0	95.9	99.9	52.5	92.
37.3	112.4	12008.3	200.0	-60.4	-89.9	272.7	56.0	55.9	-2.6	337.1	328.0	95.9	99.9	60.1	92.
39.8	117.8	12837.0	175.0	-64.4	-99.9	277.4	53.7	53.0	-6.9	339.5	328.0	95.9	99.9	68.2	92.
42.5	123.6	13808.3	150.0	-59.6	-99.9	286.9	40.8*	39.0	-11.9	340.8	328.0	95.9	99.9	76.6	93.
45.9	130.0	14959.2	125.0	-58.0	-99.9	285.2	34.7*	33.5	-9.1	390.0	328.0	95.9	99.9	83.2	94.
49.7	137.0	16353.1	100.0	-61.9	-99.9	272.4	21.3*	21.3	-0.9	408.2	328.0	95.9	99.9	89.4	95.
54.7	145.0	18130.3	75.0	-62.8	-99.9	287.4	18.8	17.9	-5.6	441.3	328.0	95.9	99.9	96.1	95.
61.1	153.5	20859.1	50.0	-58.8	-99.9	244.5	7.7	7.0	3.3	505.2	328.0	95.9	99.9	100.3	95.
71.3	162.7	25101.7	25.0	-52.9	-99.9	999.9	99.9	99.9	99.9	533.1	328.0	95.9	99.9	103.4	95.

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI

27 MARCH 1982  
2300 GMT

165 7. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	91.0	1012.4	9.1	-6.3	50.0	4.1	-3.1	-2.0	281.3	287.6	2.4	33.0	0.0	0.
0.4	6.6	192.9	1000.0	8.0	-7.0	66.4	6.1	-5.6	-2.4	281.2	287.6	2.4	33.8	0.1	225.
1.1	9.2	401.0	975.0	6.3	-7.5	85.6	5.4	-5.0	-2.3	281.5	287.6	2.2	36.4	0.3	241.
1.7	11.9	613.0	950.0	4.1	-8.1	82.5	4.7	-4.2	-2.2	281.3	287.6	2.2	40.5	0.5	241.
2.5	14.7	829.1	925.0	2.3	-8.4	55.4	7.0	-5.7	-4.0	281.6	287.6	2.2	45.1	0.8	241.
3.2	17.3	1049.5	900.0	0.1	-9.2	56.5	8.7	-7.3	-4.8	281.6	287.4	2.1	49.4	1.1	238.
4.8	20.0	1275.0	875.0	1.3	-11.3	61.3	8.6	-7.5	-4.1	285.2	290.3	1.8	38.4	1.6	239.
5.7	22.8	1508.5	850.0	1.3	-11.3	61.3	8.6	-7.5	-4.1	285.2	290.3	1.8	38.4	1.6	239.
6.5	25.6	1748.9	825.0	0.7	-11.4	43.4	4.8	-6.4	-3.5	287.5	297.3	3.6	72.9	2.3	240.
7.5	28.3	1996.4	800.0	1.2	-1.2	339.9	3.2	-3.3	-3.0	292.4	308.5	5.2	100.1	2.4	238.
8.5	31.1	2252.6	775.0	1.4	1.4	294.0	5.5	5.0	-2.2	295.4	311.4	5.3	100.1	2.4	238.
9.4	34.0	2515.7	750.0	0.4	0.4	288.7	6.4	5.9	-1.8	298.5	312.3	4.9	99.3	2.0	215.
10.2	36.9	2788.6	725.0	-0.9	-1.0	308.9	7.6	4.2	-1.6	300.0	313.7	4.6	99.2	2.3	204.
11.2	39.8	3068.7	700.0	-2.2	-2.3	329.9	12.3	10.7	0.8	301.5	313.7	4.0	96.9	2.3	184.
12.2	42.7	3357.3	675.0	-3.7	-3.8	285.7	9.2	8.4	3.9	303.4	314.9	3.6	92.1	2.3	174.
13.2	45.7	3655.2	650.0	-4.9	-5.3	244.9	8.7	8.0	-3.5	305.8	318.2	3.0	78.7	2.3	151.
14.3	48.8	3963.4	625.0	-6.0	-7.0	293.8	13.3	11.1	-9.7	307.3	318.2	2.5	86.8	3.7	144.
15.4	51.8	4282.6	600.0	-7.6	-10.5	303.9	17.4	14.4	-9.7	308.6	318.6	2.2	98.4	6.2	138.
16.5	54.9	4613.0	575.0	-9.7	-12.7	296.3	21.7	19.5	-8.7	311.9	321.0	1.8	97.5	7.9	117.
17.6	58.1	4954.7	550.0	-12.3	-14.0	283.9	27.8	27.0	-1.2	314.1	321.1	0.9	55.8	10.3	110.
18.7	61.3	5309.5	525.0	-15.6	-15.8	272.1	31.9	34.3	0.9	315.9	321.8	0.9	55.8	12.7	103.
19.8	64.6	5679.7	500.0	-18.3	-18.6	268.5	38.0	40.4	4.8	318.9	325.7	0.5	70.0	15.1	98.
20.2	68.0	6065.1	475.0	-21.0	-22.0	262.7	41.4	40.4	9.1	321.2	325.7	0.5	54.0	18.8	94.
21.5	71.4	6466.8	450.0	-21.7	-24.9	257.3	41.4	39.4	11.5	322.7	325.7	0.5	54.0	22.5	91.
23.0	74.9	6889.4	425.0	-24.9	-28.7	255.9	40.7	38.9	11.5	323.9	325.7	0.5	54.0	27.3	89.
24.7	78.6	7333.6	400.0	-28.5	-34.9	253.5	40.6	40.9	8.9	324.8	325.7	0.5	54.0	31.7	88.
26.3	82.3	7799.8	375.0	-32.7	-37.8	255.0	42.3	42.5	5.6	325.3	325.7	0.5	54.0	36.4	88.
28.0	86.2	8289.8	350.0	-37.3	-43.4	252.8	43.4	44.3	1.2	327.2	325.7	0.5	54.0	41.7	88.
29.7	90.2	8806.7	325.0	-41.3	-46.9	262.8	44.7	47.9	0.7	330.2	325.7	0.5	54.0	46.1	88.
31.5	94.2	9354.8	300.0	-44.9	-49.9	269.3	48.0	50.8	0.7	332.0	325.7	0.5	54.0	50.6	88.
33.5	98.6	9941.8	275.0	-49.8	-53.9	269.3	57.9	57.9	0.7	333.8	325.7	0.5	54.0	55.6	88.
35.5	103.0	10571.9	250.0	-53.3	-58.9	269.3	57.9	57.9	0.7	333.8	325.7	0.5	54.0	60.6	88.
38.0	107.8	11252.8	225.0	-58.4	-64.4	270.4	58.2	58.2	0.7	337.1	325.7	0.5	54.0	65.6	88.
40.4	112.8	11994.7	200.0	-60.4	-69.9	274.2	52.7	52.7	0.7	339.8	325.7	0.5	54.0	70.6	88.
43.3	118.2	12826.2	175.0	-60.6	-69.9	279.0	49.3	49.3	0.7	369.0	325.7	0.5	54.0	75.6	88.
46.7	124.0	13793.7	150.0	-58.7	-69.9	289.5	31.7	28.9	-10.6	386.6	325.7	0.5	54.0	80.6	88.
50.4	130.3	14937.4	125.0	-59.9	-69.9	289.5	26.2	26.2	0.7	408.7	325.7	0.5	54.0	85.6	88.
55.1	137.5	16326.3	100.0	-61.7	-69.9	278.2	19.3	17.4	0.7	440.2	325.7	0.5	54.0	90.6	88.
58.7	145.5	18101.2	75.0	-63.3	-69.9	293.3	15.4	15.4	0.7	505.4	325.7	0.5	54.0	95.6	88.
60.9	154.3	20620.9	50.0	-68.6	-69.9	267.7	10.9	10.9	0.7	636.8	325.7	0.5	54.0	100.6	88.
68.7	163.5	25020.4	25.0	-51.5	-69.9	238.7	10.9	10.9	0.7	636.8	325.7	0.5	54.0	114.5	88.
80.8	163.5	25020.4	25.0	-51.5	-69.9	238.7	10.9	10.9	0.7	636.8	325.7	0.5	54.0	118.6	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI  
28 MARCH 1982  
215 GMT

TIME MIN	CNTC?	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH POT	RANGE KM	9. 0
0.6	5.2	91.0	1013.9	8.9	-1.8	10.0	5.2	-0.9	-5.1	280.9	289.7	3.3	47.0	0.0	0.0
0.5	5.5	205.2	1000.0	8.4	-6.5	43.6	5.3	-3.7	-3.8	281.5	288.0	2.3	34.0	0.1	0.1
1.2	9.0	413.8	975.0	7.0	-8.1	50.4	7.1	-5.5	-4.8	282.2	288.0	2.1	33.0	0.4	0.4
1.9	11.5	626.8	950.0	5.8	-8.7	52.0	9.6	-7.5	-5.9	283.1	288.8	2.1	34.4	0.7	0.7
2.7	14.3	844.3	925.0	4.1	-10.4	57.1	11.5	-9.7	-6.2	283.5	288.8	1.9	33.7	1.2	1.2
3.6	18.6	1086.2	900.0	1.8	-11.5	62.1	13.3	-12.5	-6.2	283.4	288.8	1.8	33.5	1.3	1.3
4.4	21.5	1292.7	875.0	0.3	-12.4	70.7	13.3	-12.5	-4.4	284.1	288.8	1.7	34.7	2.5	2.5
5.2	24.4	1525.2	850.0	1.1	-12.8	85.3	9.8	-9.7	-0.8	287.3	292.0	3.6	67.4	3.1	3.1
6.0	27.0	1766.0	825.0	1.8	-13.6	81.9	5.5	-5.4	-0.8	290.6	300.3	3.6	67.4	3.5	3.5
7.0	29.6	2014.1	800.0	1.5	-0.9	5.2	2.8	-0.3	-2.8	292.8	308.9	5.2	97.1	3.7	3.7
7.9	32.2	2270.6	775.0	1.3	0.9	286.4	4.1	3.9	-1.2	295.3	309.8	5.0	97.1	3.6	3.6
8.8	35.0	2534.4	750.0	0.0	-0.4	274.0	4.6	4.6	-0.3	296.5	310.3	4.7	96.9	3.3	3.3
9.8	37.5	2805.9	725.0	-1.0	-1.5	287.1	3.5	3.4	-1.0	298.3	311.5	4.3	96.7	3.2	3.2
10.9	39.3	3085.8	700.0	-2.6	-3.1	275.4	3.6	3.0	-0.2	299.6	311.8	4.2	98.4	3.1	3.1
12.0	40.3	3374.3	675.0	-4.7	-4.2	236.8	5.5	5.4	0.8	301.6	313.4	4.0	98.0	2.9	2.9
13.1	43.2	3672.5	650.0	-6.2	-5.2	261.3	9.3	8.8	-2.9	303.7	315.2	3.7	95.6	2.8	2.8
14.2	46.1	3980.6	625.0	-7.8	-6.8	288.3	14.6	13.9	-4.3	305.2	316.1	3.4	95.2	2.3	2.3
15.4	49.0	4299.3	600.0	-9.4	-8.4	287.0	19.1	18.8	-3.7	307.1	317.1	3.1	94.8	2.3	2.3
16.6	52.0	4630.0	575.0	-11.4	-10.1	281.2	24.1	24.1	0.0	309.0	318.2	2.7	94.3	3.1	3.1
17.8	55.0	4972.7	550.0	-13.3	-14.6	257.2	29.3	28.6	6.5	312.5	319.7	2.3	94.3	4.8	4.8
19.3	58.0	5328.6	525.0	-18.0	-17.5	255.2	31.7	30.6	9.7	313.5	319.6	1.9	98.4	7.1	7.1
20.8	61.1	5698.7	500.0	-18.7	-20.5	253.3	32.8	32.4	8.1	313.5	319.6	1.6	98.4	7.1	7.1
22.2	64.2	6083.4	475.0	-22.4	-36.1	251.6	35.4	33.6	11.2	315.1	319.6	0.4	98.4	9.7	9.7
23.9	67.3	6483.5	450.0	-25.4	-39.2	253.9	35.9	34.5	10.0	316.4	319.6	0.3	98.4	13.1	13.1
25.6	70.9	6900.8	425.0	-28.8	-42.0	257.1	36.0	35.0	8.0	317.5	318.3	0.2	98.4	18.6	18.6
27.4	74.2	7337.7	400.0	-32.3	-45.1	261.1	34.7	34.3	5.3	318.9	319.5	0.2	98.4	20.3	20.3
29.2	78.0	7796.3	375.0	-38.6	-47.1	264.0	36.0	35.8	3.8	321.6	322.2	0.2	98.4	24.2	24.2
31.0	81.5	8280.7	350.0	-42.1	-50.3	262.4	36.4	36.1	4.8	323.4	323.9	0.1	98.4	28.1	28.1
33.4	85.2	8793.9	325.0	-46.2	-53.9	265.0	41.6	41.4	3.6	326.0	323.9	0.1	98.4	32.8	32.8
35.2	89.2	9329.3	300.0	-48.2	-58.9	270.9	48.2	48.3	-0.8	328.3	323.9	0.1	98.4	37.8	37.8
37.8	93.7	9922.9	275.0	-51.8	-63.9	270.9	48.2	48.2	-0.8	328.3	323.9	0.1	98.4	37.8	37.8
40.0	97.7	10548.6	250.0	-56.0	-68.9	270.9	48.2	48.2	-0.8	328.3	323.9	0.1	98.4	37.8	37.8
42.5	102.2	11224.3	225.0	-57.2	-71.8	270.9	48.2	48.2	-0.8	328.3	323.9	0.1	98.4	37.8	37.8
45.5	107.0	11970.0	200.0	-58.9	-74.5	272.4	47.5	47.4	-2.0	332.7	323.9	0.1	98.4	50.3	50.3
48.7	112.2	12811.6	175.0	-59.9	-76.5	269.5	44.8	44.8	0.4	342.2	323.9	0.1	98.4	58.2	58.2
52.0	117.8	13777.8	150.0	-60.5	-78.9	268.3	38.6	38.4	-4.3	352.7	323.9	0.1	98.4	66.2	66.2
56.8	124.0	14916.0	125.0	-61.9	-80.9	282.5	44.4	43.3	-9.6	365.8	323.9	0.1	98.4	86.8	86.8
61.6	131.0	16295.8	100.0	-63.3	-83.9	300.8	18.4	15.8	-9.5	408.1	323.9	0.1	98.4	97.6	97.6
67.8	139.6	18059.2	75.0	-65.3	-86.9	288.3	18.4	15.8	-9.5	436.0	323.9	0.1	98.4	104.6	104.6
76.8	148.2	20570.2	50.0	-68.0	-89.9	289.3	6.7	6.3	-2.2	502.3	323.9	0.1	98.4	111.6	111.6
91.3	158.0	24968.6	25.0	-55.4	-93.9	246.1	7.2	6.5	-2.9	625.3	323.9	0.1	98.4	120.1	120.1

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI

28 MARCH 1982  
515 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AL DG
0.0	5.3	91.0	1014.0	8.3	-2.6	40.0	5.2	-3.3	-4.0	280.3	288.6	3.1	45.0	0.0	0.0
0.4	6.7	205.9	1000.0	7.9	-4.0	50.8	10.7	-8.3	-6.8	281.1	288.7	2.8	42.5	0.2	230.
1.0	9.1	414.0	995.0	6.5	-5.4	58.8	12.5	-10.7	-6.5	281.7	288.8	2.6	42.2	0.5	232.
1.8	11.6	828.3	950.0	4.2	-7.7	71.5	14.0	-13.3	-4.4	281.5	287.6	2.3	41.4	1.2	239.
2.5	14.1	1085.0	925.0	3.7	-10.2	82.1	13.0	-12.9	-1.8	283.1	288.3	1.9	35.4	1.8	251.
3.3	16.7	1291.9	900.0	2.5	-11.0	88.5	11.3	-11.3	-0.3	284.1	289.2	1.8	36.3	2.3	254.
4.1	19.2	1524.6	875.0	0.8	-12.4	98.2	9.7	-9.7	1.0	284.6	289.4	1.7	36.3	2.8	258.
4.9	21.7	1755.7	850.0	1.4	-18.5	114.6	8.7	-7.9	3.6	285.9	290.7	1.1	21.4	3.2	262.
5.7	24.3	2014.8	825.0	2.2	-3.6	129.9	5.4	-4.2	3.5	286.9	291.7	3.6	21.4	3.5	264.
6.5	26.9	2271.7	800.0	2.7	1.7	178.2	2.2	-0.1	2.2	287.1	292.8	3.4	21.4	3.5	266.
7.4	29.5	2535.8	775.0	1.4	1.0	220.6	2.1	1.4	1.6	288.3	293.9	3.3	21.4	3.4	268.
8.2	32.2	2808.8	750.0	0.9	0.4	244.3	2.6	1.5	1.2	289.8	295.0	3.1	21.4	3.4	270.
9.1	34.9	3090.2	725.0	0.5	-0.4	269.9	3.4	2.2	2.6	291.5	296.1	3.0	21.4	3.3	272.
9.9	37.6	3380.4	700.0	-0.9	-1.4	298.7	4.7	4.3	1.9	301.5	302.6	2.9	21.4	3.2	274.
10.9	40.3	3680.3	675.0	-1.9	-5.1	328.1	5.2	5.1	-1.1	305.3	306.4	2.8	21.4	3.1	276.
12.0	43.1	3980.0	650.0	-3.2	-8.7	357.7	9.2	8.2	-4.1	308.7	309.8	2.7	21.4	3.0	278.
13.2	46.0	4280.0	625.0	-5.0	-10.2	387.4	14.7	14.0	-4.5	312.1	313.2	2.6	21.4	2.9	280.
14.1	48.9	4580.0	600.0	-7.6	-11.5	417.1	18.4	17.9	-6.0	315.5	316.6	2.5	21.4	2.8	282.
15.1	51.8	4880.0	575.0	-9.6	-13.7	446.8	22.5	23.5	-0.0	318.9	319.9	2.4	21.4	2.7	284.
16.1	54.8	5180.0	550.0	-12.0	-14.3	476.5	25.5	26.5	6.3	322.3	323.4	2.3	21.4	2.6	286.
17.1	57.8	5480.0	525.0	-14.0	-16.8	506.2	28.8	29.8	8.8	325.7	326.8	2.2	21.4	2.5	288.
18.1	60.8	5780.0	500.0	-16.2	-19.2	535.9	32.1	33.1	7.8	329.1	330.2	2.1	21.4	2.4	290.
19.4	64.0	6080.0	475.0	-19.2	-20.2	565.6	35.4	36.4	8.8	332.5	333.6	2.0	21.4	2.3	292.
21.0	67.3	6380.0	450.0	-23.5	-35.8	595.3	38.7	39.7	7.5	335.9	337.0	1.9	21.4	2.2	294.
22.6	70.6	6680.0	425.0	-26.1	-41.0	625.0	42.0	43.0	6.3	339.3	340.4	1.8	21.4	2.1	296.
24.1	74.0	6980.0	400.0	-29.2	-46.4	654.7	45.3	46.3	4.5	342.7	343.8	1.7	21.4	2.0	298.
25.7	77.4	7280.0	375.0	-32.2	-49.0	684.4	48.6	49.6	2.8	346.1	347.2	1.6	21.4	1.9	300.
27.5	81.0	7580.0	350.0	-35.3	-49.0	714.1	51.9	52.9	0.7	349.5	350.6	1.5	21.4	1.8	302.
29.2	84.8	7880.0	325.0	-38.3	-49.0	743.8	55.2	56.2	0.7	352.9	354.0	1.4	21.4	1.7	304.
31.2	88.8	8180.0	300.0	-42.0	-49.0	773.5	58.5	59.5	0.7	356.3	357.4	1.3	21.4	1.6	306.
33.3	92.8	8480.0	275.0	-46.2	-49.0	803.2	61.8	62.8	0.7	359.7	360.8	1.2	21.4	1.5	308.
35.7	97.2	8780.0	250.0	-50.4	-49.0	832.9	65.1	66.1	0.7	363.1	364.2	1.1	21.4	1.4	310.
38.0	101.8	9080.0	225.0	-55.0	-49.0	862.6	68.4	69.4	0.7	366.5	367.6	1.0	21.4	1.3	312.
40.4	111.8	9380.0	200.0	-57.9	-49.0	892.3	71.7	72.7	0.7	369.9	371.0	0.9	21.4	1.2	314.
43.3	117.7	9680.0	175.0	-57.6	-49.0	922.0	75.0	76.0	0.7	373.3	374.4	0.8	21.4	1.1	316.
46.6	124.7	9980.0	150.0	-61.1	-49.0	951.7	78.3	79.3	0.7	376.7	377.8	0.7	21.4	1.0	318.
49.7	131.7	10280.0	125.0	-63.5	-49.0	981.4	81.6	82.6	0.7	380.1	381.2	0.6	21.4	0.9	320.
53.8	140.0	10580.0	100.0	-63.5	-49.0	1011.1	84.9	85.9	0.7	383.5	384.6	0.5	21.4	0.8	322.
59.0	150.0	10880.0	75.0	-60.7	-49.0	1040.8	88.2	89.2	0.7	386.9	388.0	0.4	21.4	0.7	324.
66.8	160.5	24993.4	25.0	-54.5	-49.0	1070.5	91.5	92.5	0.7	390.3	391.4	0.3	21.4	0.6	326.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 235  
JACKSON, MISSISSIPPI

MARCH 1962  
1100 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTRY	HEIGHT GPM	PRES MB	TEMP DEG C	DEN PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RIO CM/SEC	RH PCT	RANGE KM	AZ DEG
0.0	5.2	91.0	1014.1	6.7	-5.0	70.0	4.1	-3.9	-1.4	278.7	285.7	2.6	43.0	0.0	0.0
0.4	5.6	205.7	1000.0	5.3	-7.3	324.9	1.5	0.7	-1.4	284.4	284.4	2.2	39.6	0.5	248.
1.1	9.2	411.8	975.0	3.9	-8.0	78.0	6.9	-8.8	-1.4	275.1	284.8	2.2	41.8	0.5	248.
1.7	11.8	622.6	950.0	4.0	-12.2	83.9	13.7	-13.7	-0.3	281.3	285.7	1.6	29.4	1.0	254.
2.4	14.4	839.2	925.0	3.8	-12.4	105.6	14.1	-13.5	3.8	283.0	287.1	1.5	27.5	1.0	254.
3.2	17.0	1051.2	900.0	2.8	-12.1	118.5	12.0	-10.5	5.7	284.4	289.1	1.7	32.3	2.2	277.
3.9	19.6	1288.7	875.0	2.0	-11.7	127.1	9.4	-7.5	5.7	285.8	290.2	1.8	35.4	2.9	277.
4.8	22.2	1522.4	850.0	2.0	-9.2	122.4	6.4	-5.4	5.7	288.2	294.5	2.2	43.3	2.9	281.
5.5	24.9	1783.4	825.0	2.0	-1.7	69.6	3.4	-3.2	-1.2	290.7	301.9	4.1	76.5	3.2	282.
6.4	27.7	2011.9	800.0	1.5	-0.8	354.0	3.7	0.6	-3.4	292.7	306.5	5.1	94.9	3.2	280.
7.2	30.3	2267.4	775.0	0.4	-0.1	349.5	3.4	0.6	-3.4	294.2	307.7	4.9	96.9	3.1	278.
8.0	32.1	2530.7	750.0	-0.2	-0.5	332.5	2.7	1.2	-2.4	295.4	309.2	4.3	97.5	2.9	277.
8.9	35.9	2801.7	725.0	-1.7	-2.1	297.2	3.4	3.0	-1.6	297.5	310.3	4.5	97.2	2.9	272.
9.9	38.8	3080.6	700.0	-2.1	-3.6	283.5	3.8	3.8	-1.2	299.1	310.9	4.2	98.2	2.7	270.
10.9	41.8	3383.2	675.0	-3.1	-10.5	287.8	4.7	4.5	-1.4	299.9	307.4	2.5	85.8	2.5	268.
11.9	44.5	3683.5	650.0	-8.9	-13.1	281.8	7.3	7.2	-1.5	301.2	307.5	2.1	80.9	2.2	266.
12.9	47.4	3989.4	625.0	-7.4	-24.7	280.6	11.0	10.8	-2.0	304.0	308.7	0.9	24.5	1.6	261.
14.0	50.4	4288.5	600.0	-9.0	-26.4	287.9	13.2	12.6	-4.1	305.7	308.0	0.7	22.8	1.0	242.
15.1	52.5	4514.3	575.0	-11.1	-31.1	282.3	14.1	13.2	-3.0	307.0	308.6	0.5	17.7	0.7	182.
16.5	55.6	4954.9	550.0	-12.4	-31.9	272.7	16.5	16.5	-0.8	309.4	311.0	0.5	17.3	1.6	172.
17.4	58.8	5309.1	525.0	-14.5	-33.1	274.0	18.2	18.1	-1.1	311.0	312.5	0.4	18.7	2.4	171.
18.7	62.0	5676.4	500.0	-17.1	-36.5	272.4	18.1	18.0	-0.7	312.2	313.3	0.3	18.5	3.6	105.
20.0	65.4	6053.8	475.0	-20.7	-39.3	269.9	18.6	18.6	0.0	312.4	313.3	0.3	18.9	4.9	101.
21.4	69.8	6458.5	450.0	-23.3	-42.2	269.7	19.4	19.4	0.1	313.9	314.7	0.2	15.7	6.3	97.
22.8	72.2	6873.4	425.0	-25.2	-44.0	268.1	22.0	21.9	0.2	316.8	317.4	0.2	15.3	8.0	97.
24.4	75.9	7310.6	400.0	-28.7	-49.7	265.8	26.2	26.1	1.5	317.7	318.2	0.1	15.2	10.4	95.
25.9	80.6	7789.6	375.0	-32.2	-52.5	265.3	28.5	28.5	1.8	319.0	319.4	0.1	15.5	12.8	92.
27.5	84.3	8253.1	350.0	-35.6	-52.5	264.0	32.0	32.0	3.5	320.8	321.1	0.1	15.8	15.7	92.
29.1	88.2	8764.5	325.0	-39.4	-59.9	257.7	37.3	36.5	7.9	322.4	323.9	99.9	99.9	19.0	90.
31.2	92.3	9308.9	300.0	-44.1	-68.3	256.0	37.5	36.4	9.1	323.2	324.1	99.9	99.9	23.8	87.
33.2	96.5	9884.0	275.0	-49.1	-79.9	260.5	35.9	35.4	5.9	324.1	324.1	99.9	99.9	28.2	85.
35.6	101.0	10504.4	250.0	-52.5	-99.9	269.2	32.2	32.1	2.5	328.1	328.1	99.9	99.9	33.2	85.
38.2	105.8	11179.3	225.0	-56.4	-99.9	267.9	32.7	32.6	1.5	332.2	332.2	99.9	99.9	39.4	86.
41.0	110.8	11923.6	200.0	-57.7	-99.9	265.9	32.2	32.1	2.7	341.4	341.4	99.9	99.9	45.9	86.
44.4	116.2	12773.1	175.0	-55.2	-99.9	269.0	32.7	32.7	-0.5	359.2	359.2	99.9	99.9	51.9	86.
48.1	122.0	13757.7	150.0	-50.2	-90.9	270.7	33.0	33.0	-0.5	375.0	375.0	99.9	99.9	57.9	86.
52.3	128.5	14913.6	125.0	-62.8	-99.9	275.2	31.9	31.4	-2.5	405.5	405.5	99.9	99.9	70.9	88.
57.1	135.5	16294.7	100.0	-64.7	-99.9	275.2	27.2	27.1	-3.7	465.5	465.5	99.9	99.9	79.2	88.
62.2	143.3	18056.0	75.0	-64.7	-99.9	284.2	15.0	14.5	-3.7	437.4	437.4	99.9	99.9	80.4	90.
67.4	152.0	20550.5	50.0	-60.5	-99.9	287.0	9.2	8.9	2.1	501.0	501.0	99.9	99.9	91.7	90.
84.5	161.0	24989.6	25.0	-50.9	-99.9	286.2	9.2	9.1	0.6	632.3	632.3	99.9	99.9	95.2	90.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA

27 MARCH 1982  
1100 GMT

TIME MIN	CNTC?	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.3	5.0	1019.5	8.3	2.1	70.0	7.7	-7.2	-2.6	279.9	291.2	4.4	85.0	0.0	0.0
0.6	7.2	184	1000.0	6.4	0.7	62.4	15.2	-13.5	-7.0	280.6	291.0	4.0	82.2	0.3	237.
1.4	9.6	372.6	975.0	6.1	-0.4	73.9	15.7	-15.1	-4.4	281.3	291.1	3.8	83.0	1.2	242.
2.3	12.2	586.2	950.0	7.1	0.6	91.1	14.5	-14.5	0.3	284.4	295.6	4.2	83.0	1.9	250.
2.9	14.7	805.6	925.0	6.7	0.1	105.2	13.9	-13.5	3.7	286.1	297.2	4.2	82.9	2.4	257.
3.7	17.2	1030.4	900.0	6.0	-1.4	122.1	10.9	-9.2	5.8	287.7	298.0	3.2	80.0	2.9	264.
4.5	19.8	1261.2	875.0	5.9	2.4	139.9	8.1	-5.2	6.2	289.5	303.9	5.2	78.4	3.2	269.
5.3	22.3	1499.4	850.0	6.5	6.0	150.7	8.1	-4.0	7.1	293.0	311.5	6.9	86.9	3.4	275.
6.1	24.9	1744.8	825.0	6.7	5.4	173.3	8.9	-1.0	8.8	295.7	315.3	7.1	97.1	3.6	280.
6.9	27.5	1998.0	800.0	5.9	3.7	190.2	10.5	1.9	10.3	298.4	316.2	7.1	98.5	3.7	288.
7.7	30.1	2257.7	775.0	4.3	1.8	205.1	12.2	5.2	11.0	299.3	315.4	5.8	95.0	3.7	297.
8.5	32.8	2524.3	750.0	2.5	0.4	217.7	14.1	8.6	11.2	300.6	315.8	5.5	95.0	3.8	301.
9.3	35.4	2798.3	725.0	1.0	0.4	226.5	16.3	11.8	9.6	302.0	316.3	5.1	95.8	4.0	304.
10.1	38.1	3080.1	700.0	0.4	-1.0	241.7	20.2	17.8	4.8	304.6	319.2	5.1	96.1	4.3	307.
10.9	40.8	3371.1	675.0	-0.9	-1.5	257.9	22.9	22.4	-3.0	307.5	322.5	5.2	96.5	4.7	310.
11.7	43.0	3673.1	650.0	-1.3	-1.7	271.5	23.4	23.4	-3.0	309.0	323.1	4.9	99.1	5.4	313.
12.5	45.6	3985.3	625.0	-3.1	-3.2	277.5	24.7	24.4	-4.1	310.1	324.1	4.0	99.4	6.3	316.
13.3	48.4	4307.8	600.0	-5.2	-5.3	279.2	27.9	27.5	-4.5	312.2	326.5	3.8	99.3	7.6	319.
14.1	51.4	4641.4	575.0	-7.8	-6.8	279.2	29.0	28.6	-4.6	314.8	327.1	3.4	98.1	9.4	322.
14.9	54.4	4988.9	550.0	-8.7	-7.9	279.2	27.2	26.9	-3.5	316.7	327.1	2.8	93.7	11.2	325.
15.7	57.4	5349.9	525.0	-10.0	-10.0	279.2	26.5	26.3	-3.7	318.2	327.1	2.3	89.0	13.3	328.
16.5	60.4	5725.3	500.0	-12.2	-12.2	277.7	27.4	27.1	-3.5	319.8	327.1	1.8	84.2	15.4	331.
17.3	63.4	6116.2	475.0	-14.7	-14.7	277.7	30.4	30.0	-3.1	321.5	327.1	1.2	80.0	17.6	334.
18.1	66.4	6523.9	450.0	-17.3	-17.3	280.3	35.1	34.1	-3.1	323.5	328.8	1.2	78.5	20.7	337.
18.9	69.4	6950.3	425.0	-19.6	-19.6	283.3	39.6	38.7	-3.1	325.0	328.8	0.9	70.1	24.3	340.
19.7	72.4	7398.2	400.0	-22.4	-22.4	282.4	41.1	40.8	-3.2	326.1	331.2	0.8	62.5	28.8	343.
20.5	75.4	7868.3	375.0	-25.3	-25.3	277.3	42.4	42.0	-3.2	327.8	331.8	0.6	58.1	33.2	346.
21.3	78.4	8365.7	350.0	-28.0	-28.0	278.2	44.1	43.6	-3.3	330.8	332.0	0.4	53.5	39.0	349.
22.1	81.4	8891.0	325.0	-30.3	-30.3	281.4	47.1	46.1	-3.3	332.0	333.0	0.3	53.5	45.4	352.
22.9	84.4	9448.2	300.0	-32.9	-32.9	282.1	48.7	47.6	-3.3	333.5	333.0	0.3	53.5	51.4	355.
23.7	87.4	10012.2	275.0	-35.6	-35.6	283.6	44.3	43.0	-3.3	334.0	333.0	0.3	53.5	58.3	358.
24.5	90.4	10677.5	250.0	-38.5	-38.5	283.1	48.8*	47.5	-3.3	334.0	333.0	0.3	53.5	66.4	361.
25.3	93.4	11361.0	225.0	-41.5	-41.5	283.1	53.3*	51.7	-3.3	334.0	333.0	0.3	53.5	74.6	364.
26.1	96.4	12103.0	200.0	-44.5	-44.5	284.2	58.0*	56.9	-3.3	335.7	333.0	0.3	53.5	83.2	367.
26.9	99.4	12922.6	175.0	-47.5	-47.5	289.8	53.9*	50.8	-3.3	335.7	333.0	0.3	53.5	92.5	370.
27.7	102.4	13859.9	150.0	-50.5	-50.5	289.8	53.9*	50.8	-3.3	335.7	333.0	0.3	53.5	101.8	373.
28.5	105.4	14844.3	125.0	-53.5	-53.5	294.0	43.5*	39.8	-3.3	335.7	333.0	0.3	53.5	111.2	376.
29.3	108.4	15851.1	100.0	-56.5	-56.5	282.5	33.0*	26.7	-3.3	335.7	333.0	0.3	53.5	120.6	379.
30.1	111.4	16851.1	75.0	-59.5	-59.5	281.4	27.2*	17.5	-3.3	335.7	333.0	0.3	53.5	130.1	382.
30.9	114.4	17851.1	50.0	-62.5	-62.5	280.5	17.8*	14.8	-3.3	335.7	333.0	0.3	53.5	140.1	385.
31.7	117.4	18851.1	25.0	-65.5	-65.5	288.8	15.6*	12.6	-3.3	335.7	333.0	0.3	53.5	150.1	388.
32.5	120.4	19851.1	0.0	-68.5	-68.5	211.7	6.1	3.2	-3.3	335.7	333.0	0.3	53.5	160.1	391.
33.3	123.4	20851.1	0.0	-71.5	-71.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	170.1	394.
34.1	126.4	21851.1	0.0	-74.5	-74.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	180.1	397.
34.9	129.4	22851.1	0.0	-77.5	-77.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	190.1	400.
35.7	132.4	23851.1	0.0	-80.5	-80.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	200.1	403.
36.5	135.4	24851.1	0.0	-83.5	-83.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	210.1	406.
37.3	138.4	25851.1	0.0	-86.5	-86.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	220.1	409.
38.1	141.4	26851.1	0.0	-89.5	-89.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	230.1	412.
38.9	144.4	27851.1	0.0	-92.5	-92.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	240.1	415.
39.7	147.4	28851.1	0.0	-95.5	-95.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	250.1	418.
40.5	150.4	29851.1	0.0	-98.5	-98.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	260.1	421.
41.3	153.4	30851.1	0.0	-101.5	-101.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	270.1	424.
42.1	156.4	31851.1	0.0	-104.5	-104.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	280.1	427.
42.9	159.4	32851.1	0.0	-107.5	-107.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	290.1	430.
43.7	162.4	33851.1	0.0	-110.5	-110.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	300.1	433.
44.5	165.4	34851.1	0.0	-113.5	-113.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	310.1	436.
45.3	168.4	35851.1	0.0	-116.5	-116.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	320.1	439.
46.1	171.4	36851.1	0.0	-119.5	-119.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	330.1	442.
46.9	174.4	37851.1	0.0	-122.5	-122.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	340.1	445.
47.7	177.4	38851.1	0.0	-125.5	-125.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	350.1	448.
48.5	180.4	39851.1	0.0	-128.5	-128.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	360.1	451.
49.3	183.4	40851.1	0.0	-131.5	-131.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	370.1	454.
50.1	186.4	41851.1	0.0	-134.5	-134.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	380.1	457.
50.9	189.4	42851.1	0.0	-137.5	-137.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	390.1	460.
51.7	192.4	43851.1	0.0	-140.5	-140.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	400.1	463.
52.5	195.4	44851.1	0.0	-143.5	-143.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	410.1	466.
53.3	198.4	45851.1	0.0	-146.5	-146.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	420.1	469.
54.1	201.4	46851.1	0.0	-149.5	-149.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	430.1	472.
54.9	204.4	47851.1	0.0	-152.5	-152.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	440.1	475.
55.7	207.4	48851.1	0.0	-155.5	-155.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	450.1	478.
56.5	210.4	49851.1	0.0	-158.5	-158.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	460.1	481.
57.3	213.4	50851.1	0.0	-161.5	-161.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	470.1	484.
58.1	216.4	51851.1	0.0	-164.5	-164.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	480.1	487.
58.9	219.4	52851.1	0.0	-167.5	-167.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	490.1	490.
59.7	222.4	53851.1	0.0	-170.5	-170.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	500.1	493.
60.5	225.4	54851.1	0.0	-173.5	-173.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	510.1	496.
61.3	228.4	55851.1	0.0	-176.5	-176.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	520.1	499.
62.1	231.4	56851.1	0.0	-179.5	-179.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	530.1	502.
62.9	234.4	57851.1	0.0	-182.5	-182.5	0.0	0.0	0.0	-3.3	335.7	333.0	0.3	53.5	540.1	505.

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA  
27 MARCH 1982  
1525 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	5.0	1021.2	6.1	4.6	90.0	8.8	-8.8	0.0	277.6	290.8	5.2	90.0	0.0	0.0
0.7	8.6	176.8	1000.0	4.7	3.1	86.7	16.2	-14.9	-6.4	277.9	290.1	4.8	89.4	0.5	243.
1.4	9.1	382.8	975.0	3.9	2.6	77.0	15.5	-15.1	-5.5	272.1	291.3	4.8	91.3	1.3	243.
2.4	11.6	595.5	950.0	5.1	4.4	84.3	14.2	-14.5	-1.4	283.2	297.6	5.5	89.8	2.1	243.
3.3	14.1	813.9	925.0	5.0	3.6	101.4	14.8	-14.5	2.9	284.5	298.5	5.4	89.7	2.9	243.
4.3	18.7	1038.3	900.0	5.9	5.9	119.9	13.3	-11.5	6.8	287.6	304.5	6.5	100.5	3.5	243.
5.1	19.2	1289.2	875.0	5.2	4.8	137.8	12.1	-8.1	9.0	289.2	305.6	6.2	100.5	4.1	271.
6.1	21.8	1507.5	850.0	7.6	6.6	180.3	9.9	0.1	9.9	294.1	313.4	7.2	93.4	4.4	279.
7.1	24.4	1754.0	825.0	7.0	5.7	210.8	9.9	5.1	8.5	298.0	314.8	7.0	91.8	4.4	279.
8.0	27.0	2006.8	800.0	5.8	4.6	226.8	11.1	8.7	7.6	297.4	315.5	6.7	91.7	4.1	284.
9.2	29.7	2267.0	775.0	4.8	3.5	232.1	11.1	8.7	6.8	299.0	316.5	6.4	91.3	3.8	304.
10.1	32.3	2534.4	750.0	3.4	2.1	242.6	12.2	10.8	5.6	300.3	318.8	6.0	90.9	3.6	314.
11.2	35.0	2809.1	725.0	1.7	0.4	248.2	14.3	13.3	5.3	301.4	318.6	5.4	90.4	3.4	345.
12.3	37.7	3092.0	700.0	0.4	-1.1	247.0	18.0	14.7	6.2	302.9	317.3	5.1	90.0	3.3	345.
13.7	40.4	3384.1	675.0	-0.0	-1.4	249.6	18.1	15.6	7.1	305.6	320.3	5.1	90.7	3.8	345.
15.3	43.3	3686.0	650.0	-1.9	-3.0	249.6	19.1	17.9	6.6	306.9	320.6	4.7	92.1	4.9	25.
16.7	46.1	3997.6	625.0	-3.3	-4.5	257.1	18.6	18.1	4.1	308.7	321.6	4.4	91.2	6.1	36.
18.3	49.0	4320.1	600.0	-4.9	-6.3	269.3	19.0	19.0	0.2	310.5	322.3	4.0	89.9	7.4	46.
19.9	52.0	4654.4	575.0	-8.6	-8.1	275.2	20.0	19.9	-1.8	312.3	323.2	3.5	88.7	8.8	55.
21.4	55.0	5001.2	550.0	-8.2	-10.0	273.7	20.2	20.2	-1.3	314.4	324.3	3.2	88.7	10.3	62.
23.1	58.1	5361.6	525.0	-10.3	-12.4	272.9	22.3	22.3	-1.1	316.0	324.7	2.8	84.6	12.1	67.
24.6	61.3	5736.3	500.0	-12.5	-14.8	267.6	24.3	24.3	1.0	317.8	325.4	2.4	82.6	14.1	70.
26.1	64.4	6126.9	475.0	-14.7	-17.4	267.7	27.5	27.5	1.1	319.7	326.3	2.0	79.8	16.3	73.
27.6	67.6	6534.5	450.0	-17.3	-20.5	272.4	30.3	30.2	1.3	321.6	327.0	1.7	76.0	18.9	75.
29.2	71.0	6981.0	425.0	-19.7	-23.5	274.6	32.0	31.9	-2.6	323.8	328.3	1.3	71.6	21.7	78.
30.9	74.4	7408.5	400.0	-22.8	-26.7	274.2	35.3	35.2	-2.8	325.4	329.0	1.1	70.0	25.0	80.
32.5	78.0	7880.0	375.0	-25.1	-29.5	274.7	41.1	41.0	-3.4	328.3	331.4	0.9	66.8	28.6	82.
34.2	81.7	8377.9	350.0	-28.0	-34.0	276.9	41.7	41.4	-5.0	329.7	331.8	0.6	61.9	32.6	82.
36.0	85.5	8903.4	325.0	-32.2	-38.8	276.4	46.1	45.8	-5.1	329.7	332.4	0.4	58.7	37.2	87.
38.1	89.5	9481.3	300.0	-37.2	-43.3	278.7	50.9	50.3	-7.7	330.0	334.0	0.3	52.5	42.2	87.
40.5	93.7	10057.1	275.0	-41.7	-49.9	278.5	51.3	50.7	-11.1	334.8	339.9	99.9	99.9	50.5	89.
42.9	98.0	10695.2	250.0	-47.0	-55.9	281.9	52.8	52.8	-11.1	336.2	344.8	99.9	99.9	55.2	90.
45.4	102.7	11384.4	225.0	-52.6	-61.9	286.7	56.7	54.3	-16.3	337.6	349.9	99.9	99.9	60.1	92.
48.3	107.6	12134.1	200.0	-58.9	-68.4	288.4	59.6	58.5	-18.8	339.8	353.1	99.9	99.9	76.0	94.
51.4	113.0	12970.9	175.0	-60.7	-71.5	287.5	49.0	48.7	-14.8	353.1	359.9	99.9	99.9	85.1	96.
55.0	118.7	13931.8	150.0	-60.8	-71.5	283.0	44.7	43.6	-10.1	365.7	369.9	99.9	99.9	95.0	97.
58.2	125.3	15070.7	125.0	-60.0	-71.5	283.0	38.5	35.3	-9.6	386.4	399.9	99.9	99.9	105.8	97.
64.3	137.7	16452.3	100.0	-63.7	-71.5	285.2	26.0	25.6	-4.6	404.8	409.9	99.9	99.9	113.8	98.
70.5	141.3	18213.0	75.0	-63.9	-71.5	280.8	24.9	19.4	-15.6	439.0	449.9	99.9	99.9	123.2	98.
78.6	151.5	20732.7	50.0	-58.7	-71.5	229.5	9.4	7.2	6.1	505.3	509.9	99.9	99.9	126.4	98.
91.1	162.0	25183.2	25.0	-52.1	-71.5	99.9	99.9	99.9	99.9	635.0	639.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA

27 MARCH 1982  
1815 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	5.0	1020.5	6.1	4.8	80.0	10.3	-10.1	-1.9	277.6	290.8	5.2	90.0	0.0	0.
0.8	7.1	171.2	1000.0	4.7	3.3	57.9	14.9	-12.6	-7.9	277.9	290.3	4.9	90.5	0.5	237.
1.3	9.7	377.2	975.0	3.0	3.0	87.1	16.7	-13.3	-6.5	278.1	290.5	4.9	100.3	1.1	238.
2.1	12.3	589.2	950.0	5.6	5.8	75.5	15.7	-15.2	-3.9	282.9	298.3	6.0	99.9	2.0	245.
3.1	14.9	807.5	925.0	5.4	5.3	90.1	14.4	-14.4	0.0	284.8	300.5	6.1	99.9	2.8	249.
4.0	17.6	1031.9	900.0	6.3	6.2	115.4	12.1	-10.9	5.2	288.0	305.4	8.7	99.5	3.4	256.
5.0	20.3	1265.0	875.0	9.4	8.8	141.8	8.2	-5.1	6.4	293.6	314.9	8.1	94.4	3.8	264.
6.1	22.9	1505.8	850.0	8.8	7.8	160.1	6.0	-2.0	5.6	295.3	316.4	7.9	94.0	4.0	269.
7.9	25.6	1752.4	825.0	8.4	7.4	194.5	5.1	1.3	4.9	297.4	319.7	7.5	93.9	4.1	273.
8.7	28.3	2003.9	800.0	7.4	6.4	213.6	5.9	3.3	4.9	299.0	319.7	7.1	93.7	3.9	277.
9.7	31.1	2269.2	775.0	6.0	5.0	228.2	7.0	5.2	4.6	300.3	319.8	6.8	93.6	3.5	286.
10.8	33.8	2537.9	750.0	4.9	3.9	246.3	7.4	6.7	3.0	303.2	320.7	6.2	93.1	3.1	291.
11.7	36.7	2814.4	725.0	3.4	2.3	247.5	7.9	7.3	3.0	304.3	320.4	5.7	92.4	3.1	291.
12.8	39.6	3098.7	700.0	1.6	0.5	238.2	9.7	8.1	5.4	306.1	321.5	5.4	91.8	2.6	314.
14.1	42.4	3391.6	675.0	0.4	-0.7	237.7	13.1	11.0	7.0	308.3	323.7	5.3	92.2	2.5	340.
15.7	45.3	3694.6	650.0	-0.6	-1.4	241.8	15.9	14.0	7.5	309.5	323.1	4.6	91.3	3.1	11.
17.2	48.3	4007.5	625.0	-2.6	-3.8	243.7	18.8	16.9	8.3	311.7	324.5	4.3	89.8	4.5	30.
18.6	51.4	4321.1	600.0	-3.8	-5.2	243.9	21.9	19.7	9.6	313.5	325.0	3.8	86.8	6.1	41.
20.1	54.5	4666.6	575.0	-5.5	-7.4	253.2	23.7	22.7	6.9	315.9	326.5	2.9	83.9	8.1	50.
21.8	57.5	5015.2	550.0	-6.9	-9.2	258.4	26.0	25.5	5.3	318.8	328.4	2.3	79.1	10.2	57.
23.2	60.8	5372.1	525.0	-9.1	-12.1	262.1	28.1	28.3	3.6	321.0	328.1	2.0	74.1	12.6	62.
24.5	64.0	5753.1	500.0	-11.7	-15.4	262.9	29.1	27.9	5.9	323.2	327.5	1.7	71.5	14.7	67.
26.0	67.3	6145.2	475.0	-13.7	-17.7	258.2	32.1	31.3	7.2	325.0	328.7	1.4	68.1	20.4	68.
27.5	70.7	6554.8	450.0	-18.0	-20.3	257.0	35.7	35.6	8.4	326.2	329.8	1.0	63.5	24.0	70.
29.1	74.1	6983.3	425.0	-22.2	-27.2	258.5	37.6	34.9	7.1	327.8	330.4	0.8	59.7	27.2	71.
30.6	81.3	7432.7	400.0	-25.6	-31.1	265.1	34.5	37.6	2.9	329.2	331.1	0.5	55.5	30.5	73.
32.4	85.1	7904.2	375.0	-29.4	-35.4	272.7	37.8	45.7	-1.8	332.5	334.1	0.4	52.8	35.0	76.
34.2	89.2	8401.0	350.0	-32.0	-38.4	272.9	45.7	49.9	-0.9	333.7	339.9	99.9	99.9	40.8	78.
36.3	93.2	8927.2	325.0	-36.8	-41.8	271.1	49.9	50.1	-1.6	334.7	339.9	99.9	99.9	47.4	80.
38.5	97.3	9487.6	300.0	-41.8	-47.1	271.8	52.8	52.4	-6.5	336.1	339.9	99.9	99.9	55.2	82.
41.1	101.8	10083.7	275.0	-47.1	-52.5	277.0	58.5	57.4	-11.2	338.0	339.9	99.9	99.9	63.2	84.
43.7	106.4	10722.4	250.0	-52.5	-59.0	281.0	59.1*	57.6	-13.5	339.4	339.9	99.9	99.9	72.6	87.
46.5	111.4	11412.2	225.0	-59.0	-60.5	283.2	49.7*	48.3	-11.8	339.4	339.9	99.9	99.9	81.2	89.
49.4	116.7	12089.5	200.0	-60.5	-60.1	283.7	50.6*	49.0	-12.5	356.6	339.9	99.9	99.9	92.1	91.
53.1	122.5	12952.3	150.0	-60.1	-58.7	284.3	41.4*	39.7	-11.8	368.8	339.9	99.9	99.9	102.8	92.
57.3	128.7	13952.6	125.0	-58.7	-59.9	286.6	41.4*	39.7	-11.4	388.8	339.9	99.9	99.9	111.3	93.
62.0	135.7	15090.6	100.0	-63.6	-62.6	293.7	20.6*	20.5	-6.1	405.0	339.9	99.9	99.9	116.1	94.
66.1	143.3	16475.0	75.0	-62.6	-62.6	293.7	15.1*	13.9	-8.1	441.8	339.9	99.9	99.9	121.7	94.
76.2	151.7	20757.8	50.0	-58.7	-59.9	302.8	10.5*	8.9	-5.7	505.1	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	5.0	1019.8	5.8	4.8	80.0	8.8	-8.7	-1.5	277.2	290.4	5.2	93.0	0.0	0.0
0.5	7.9	155.1	1000.0	2.8	3.8	57.0	12.3	-10.3	-6.7	277.0	289.6	5.0	100.0	0.4	238.
1.2	10.6	376.6	975.0	2.4	1.4	84.9	15.5	-14.0	-6.6	277.6	288.7	4.4	93.3	0.4	239.
1.9	13.2	580.4	950.0	1.2	0.3	72.2	15.4	-15.0	-3.4	279.0	289.6	4.1	89.8	1.6	243.
2.8	15.9	797.5	925.0	5.7	0.7	92.1	13.7	-13.8	0.5	285.1	299.2	5.4	87.1	2.3	251.
3.9	18.6	1022.7	900.0	7.8	4.6	104.9	10.9	-10.5	2.8	289.6	305.4	6.0	80.1	3.2	259.
4.9	21.3	1258.6	875.0	9.7	6.8	84.9	4.6	-4.6	-0.4	293.9	312.9	7.1	81.8	3.6	262.
5.6	24.1	1497.4	850.0	8.8	6.0	54.9	4.6	-3.7	-2.6	295.4	314.1	8.9	82.2	3.7	261.
6.3	26.9	1744.5	825.0	7.6	4.1	62.0	3.1	-2.7	-1.4	298.6	313.7	8.3	78.9	3.9	260.
6.9	29.6	1997.9	800.0	6.3	2.4	38.0	3.2	-1.4	-1.9	297.9	313.5	5.7	75.7	4.0	260.
7.6	32.4	2258.1	775.0	4.9	0.7	33.0	3.2	-1.5	-2.9	299.1	313.8	5.2	74.0	4.0	258.
8.5	35.3	2525.3	750.0	3.6	-0.5	289.9	3.3	3.1	-1.1	300.5	314.3	4.9	74.4	3.9	258.
9.6	38.1	2808.1	725.0	2.1	-1.9	239.3	4.7	4.0	2.4	301.7	314.8	4.6	75.2	3.7	255.
11.0	41.0	3083.6	700.0	1.8	-1.9	242.0	11.2	9.9	5.3	304.2	317.8	4.8	77.5	3.1	259.
12.2	43.9	3376.5	675.0	0.5	-2.6	248.1	14.7	13.6	5.5	308.2	319.7	4.7	79.8	2.2	265.
13.5	46.9	3679.7	650.0	0.0	-3.2	248.1	16.0	14.9	8.0	309.9	320.2	3.5	80.9	1.1	284.
15.2	50.0	3993.0	625.0	-2.2	-7.5	262.4	17.5	17.3	2.7	309.9	320.9	3.1	80.9	0.9	40.
16.8	53.0	4316.4	600.0	-3.9	-9.6	262.4	19.3	19.1	2.6	311.6	320.9	3.1	80.9	2.5	69.
18.8	58.1	4651.7	575.0	-5.2	-11.2	260.4	22.1	21.8	3.7	313.9	322.6	2.8	82.8	4.7	75.
20.1	59.3	5000.2	550.0	-6.6	-13.2	251.6	22.7	21.6	7.2	315.9	323.7	2.5	80.7	6.9	74.
21.4	62.6	5368.0	525.0	-9.0	-15.4	247.0	22.3	20.6	8.7	317.6	324.5	2.2	59.6	8.8	74.
22.8	65.9	5736.5	500.0	-10.8	-17.3	248.5	24.6	22.8	9.5	319.9	327.2	1.7	58.4	10.5	73.
24.5	69.3	6131.5	475.0	-13.1	-19.8	250.2	28.1	26.5	9.5	321.7	327.2	1.4	57.2	13.2	72.
26.4	72.6	6541.8	450.0	-15.6	-22.3	245.1	29.5	28.8	12.4	323.7	328.4	1.2	56.6	16.5	71.
28.3	76.1	6970.9	425.0	-18.4	-25.1	251.4	30.4	32.7	19.7	325.6	329.5	0.8	54.6	19.9	70.
30.1	79.9	7419.9	400.0	-22.4	-29.3	263.3	32.9	37.1	3.9	325.9	328.8	0.8	53.0	23.2	72.
31.8	83.7	7891.0	375.0	-25.8	-32.8	268.9	37.1	39.5	2.0	327.4	328.7	0.5	51.8	26.7	73.
33.5	87.5	8387.4	350.0	-29.5	-36.4	268.6	39.6	43.1	1.0	329.0	330.8	0.5	50.8	30.5	75.
35.4	91.5	8912.6	325.0	-33.2	-39.9	268.5	43.1	43.1	1.1	331.0	331.0	99.9	99.9	35.0	77.
37.2	95.7	9489.9	300.0	-37.5	-39.9	267.5	48.2	48.2	2.1	332.6	332.6	99.9	99.9	40.0	80.
39.1	99.8	10085.3	275.0	-41.7	-39.9	271.4	47.0	48.9	-1.1	334.8	334.8	99.9	99.9	45.4	81.
41.2	104.4	10703.6	250.0	-47.3	-39.9	278.8	48.1	47.7	-5.7	335.8	335.8	99.9	99.9	51.0	83.
43.4	109.2	11390.9	225.0	-53.4	-39.9	279.5	49.5	48.8	-8.2	336.6	336.6	99.9	99.9	57.4	85.
45.8	114.2	12138.8	200.0	-59.2	-39.9	280.2	51.2	50.4	-9.1	339.1	339.1	99.9	99.9	64.7	87.
48.5	119.7	12984.0	175.0	-64.7	-39.9	278.4	52.4	51.8	-7.7	343.2	343.2	99.9	99.9	72.6	87.
51.6	125.7	13916.4	150.0	-62.4	-39.9	284.5	49.6	48.0	-12.4	345.6	345.6	99.9	99.9	81.4	88.
55.1	132.0	15045.4	125.0	-56.2	-39.9	287.3	41.9	40.0	-12.5	349.6	349.6	99.9	99.9	91.4	90.
59.3	138.3	16433.0	100.0	-63.7	-39.9	277.3	23.2	23.1	-2.0	404.6	399.9	99.9	99.9	98.1	91.
64.7	147.3	18184.6	75.0	-63.5	-39.9	278.9	18.0	15.8	-2.5	439.7	399.9	99.9	99.9	104.9	92.
72.8	156.0	20700.5	50.0	-60.0	-39.9	258.5	8.5	8.4	1.7	502.1	399.9	99.9	99.9	109.3	92.
86.0	184.7	25146.4	25.0	-51.3	-39.9	194.1	8.0	1.9	1.7	637.5	399.9	99.9	99.9	112.9	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA

27 MARCH 1982  
2300 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	5.0	1019.1	5.0	4.4	70.0	9.3	-8.7	-3.2	276.7	289.7	5.2	96.0	0.0	0.
0.6	7.4	159.5	1000.0	4.0	3.3	59.7	15.3	-13.2	-7.7	277.2	289.5	4.8	94.9	0.5	245.
1.5	10.0	384.9	975.0	2.5	1.9	80.6	18.4	-18.0	-9.1	277.7	289.2	4.5	95.5	1.3	243.
2.4	12.7	575.0	950.0	2.0	1.3	83.5	14.3	-12.8	-6.4	279.2	290.6	4.4	95.1	2.3	239.
3.3	15.3	791.9	925.0	5.7	4.7	94.4	14.2	-14.1	-1.1	285.1	300.2	5.8	93.1	3.0	245.
4.3	18.0	1017.5	900.0	8.7	7.7	119.4	10.8	-9.4	5.3	290.5	314.5	7.3	93.1	3.6	254.
5.4	20.7	1251.7	875.0	9.4	8.3	146.4	4.4	-4.3	0.8	293.6	315.8	7.9	92.4	3.9	258.
6.6	23.4	1492.4	850.0	8.6	7.5	168.4	3.3	-4.4	-2.3	295.2	318.9	7.7	92.5	4.1	257.
7.7	26.2	1739.5	825.0	7.7	6.6	187.7	2.1	-2.0	0.6	298.8	319.7	7.4	90.2	4.3	260.
8.7	28.9	1993.2	800.0	6.5	5.0	202.7	8.1	-0.3	8.1	300.5	319.7	6.9	89.8	4.2	265.
9.4	31.7	2254.2	775.0	6.3	4.7	222.1	9.5	3.7	8.7	302.0	320.1	6.5	89.4	3.8	271.
10.2	34.6	2523.1	750.0	4.9	3.4	234.4	11.7	7.9	8.7	303.9	321.6	6.3	89.0	3.4	277.
11.0	37.3	2799.9	725.0	4.0	2.4	249.3	14.1	11.4	8.2	305.5	322.4	5.9	89.2	2.9	286.
11.7	40.2	3085.2	700.0	2.7	1.1	268.4	15.6	13.6	6.3	307.1	324.8	5.6	89.3	2.4	299.
12.5	43.1	3379.3	675.0	1.3	-0.3	288.7	17.9	19.3	4.0	310.9	325.6	5.4	89.4	2.0	314.
13.1	46.1	3682.8	650.0	0.2	-1.3	308.7	20.2	20.2	1.2	312.0	324.7	5.0	87.1	1.9	353.
14.1	49.1	3996.8	625.0	-1.4	-5.4	327.5	20.6	20.6	-0.9	313.3	324.7	4.3	83.4	3.1	64.
15.3	52.1	4321.5	600.0	-3.6	-8.1	347.7	20.5	20.4	-0.6	315.0	324.7	3.8	81.5	4.9	75.
16.6	55.3	4657.2	575.0	-5.7	-10.3	367.6	22.8	22.8	2.7	317.2	326.2	3.2	79.8	6.7	79.
18.1	58.5	5005.0	550.0	-7.7	-12.1	387.6	25.4	25.4	7.7	319.8	328.0	2.6	76.1	9.0	77.
19.4	61.7	5368.1	525.0	-9.3	-13.9	407.8	28.2	28.2	10.9	322.2	329.6	2.3	73.6	11.6	77.
20.7	65.0	5742.6	500.0	-10.9	-15.6	427.9	29.3	27.2	11.9	323.7	329.6	1.9	71.1	14.1	75.
22.2	68.3	6136.1	475.0	-12.7	-18.0	448.1	30.3	27.9	9.8	325.4	327.5	1.2	67.6	17.1	74.
23.6	71.7	6547.0	450.0	-15.6	-19.2	468.9	30.6	29.0	8.9	327.0	325.6	0.8	58.9	20.1	74.
25.3	75.3	6974.8	425.0	-20.0	-24.4	489.8	30.1	28.8	4.0	328.4	327.8	0.5	53.7	23.0	74.
26.9	78.9	7421.6	400.0	-24.6	-30.3	510.8	32.4	32.1	-1.4	329.9	328.3	0.4	49.9	26.2	78.
28.5	82.8	7888.3	375.0	-31.4	-38.4	532.8	34.3	33.3	0.0	331.9	329.9	99.9	99.9	30.1	80.
30.1	86.4	8380.4	350.0	-34.7	-41.9	555.2	36.2	35.0	0.0	333.9	329.9	99.9	99.9	32.2	81.
31.6	90.4	8901.6	325.0	-38.0	-45.9	578.2	38.1	36.9	-0.3	335.7	329.9	99.9	99.9	34.3	82.
33.3	94.7	9457.3	300.0	-42.3	-49.9	601.3	40.0	39.7	-0.3	337.9	329.9	99.9	99.9	36.5	85.
35.0	98.8	10050.9	275.0	-47.4	-53.9	624.4	41.9	40.6	-0.3	339.9	329.9	99.9	99.9	38.7	86.
37.1	103.5	10688.0	250.0	-53.2	-59.9	647.5	43.8	42.5	-0.3	341.9	329.9	99.9	99.9	40.9	88.
39.4	108.2	11375.8	225.0	-59.3	-65.9	670.6	45.7	44.4	-0.3	343.9	329.9	99.9	99.9	43.1	90.
41.5	113.4	12123.7	200.0	-60.0	-68.0	693.7	47.6	46.3	-0.3	345.9	329.9	99.9	99.9	45.3	91.
43.9	119.0	12957.8	175.0	-61.8	-70.1	716.8	48.8	47.5	-0.3	347.9	329.9	99.9	99.9	47.5	92.
46.4	124.8	13816.5	150.0	-62.8	-72.2	739.9	50.0	48.7	-0.3	349.9	329.9	99.9	99.9	49.7	92.
48.7	131.3	15041.1	125.0	-64.6	-74.3	763.0	51.2	49.9	-0.3	351.9	329.9	99.9	99.9	51.9	92.
50.7	138.7	16416.2	100.0	-66.6	-76.4	786.1	53.5	51.1	-0.3	353.9	329.9	99.9	99.9	54.1	92.
53.6	146.7	18161.6	75.0	-68.0	-78.5	809.2	55.8	53.4	-0.3	355.9	329.9	99.9	99.9	56.3	92.
59.1	155.7	20865.2	50.0	-69.8	-80.6	832.3	58.1	55.7	-0.3	357.9	329.9	99.9	99.9	58.5	92.
87.2	165.0	25077.4	25.0	-53.2	-99.9	207.3	10.2	4.7	9.1	631.7	999.9	99.9	99.9	103.0	92.

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 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA  
28 MARCH 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.4	5.0	1021.2	4.4	3.8	70.0	6.7	-6.3	-2.3	275.9	288.3	4.9	98.0	0.0	0.0
0.6	7.4	176.3	1000.0	3.9	2.4	999.9	99.9	99.9	99.9	277.0	288.6	4.6	98.0	999.9	999.9
1.5	9.9	381.5	975.0	1.8	1.8	999.9	99.9	99.9	99.9	277.0	288.6	4.5	99.9	999.9	999.9
2.2	12.4	591.1	950.0	1.2	1.2	68.6	20.9	-18.4	-7.8	278.5	289.8	4.4	100.1	2.2	236.0
2.9	14.9	806.6	925.0	3.5	3.5	93.2	15.0	-15.0	0.8	282.9	296.8	5.4	100.3	2.8	242.0
3.7	17.4	1030.9	900.0	6.4	6.2	111.8	11.4	-10.6	4.2	286.2	305.5	6.5	98.0	3.3	249.0
4.5	20.0	1263.8	875.0	8.5	7.9	108.3	6.5	-5.2	2.1	289.7	313.0	7.7	98.0	3.6	254.0
5.3	22.5	1503.9	850.0	7.5	7.1	95.8	4.4	-4.4	0.4	294.0	315.9	7.5	97.2	3.8	256.0
6.2	25.1	1749.8	825.0	6.5	6.3	81.5	3.4	-3.4	-0.5	295.4	317.4	7.3	99.2	4.0	257.0
7.2	27.7	2003.0	800.0	6.0	6.0	87.2	2.5	-2.5	-0.1	298.9	318.6	6.9	100.5	4.2	257.0
8.3	30.3	2263.1	775.0	4.7	4.8	161.0	4.0	-1.3	3.8	300.6	321.3	6.5	97.5	4.2	262.0
9.2	33.0	2530.5	750.0	3.7	3.9	189.4	7.7	8.2	7.6	303.1	321.4	6.0	98.2	3.9	269.0
10.1	35.7	2806.3	725.0	3.3	3.2	213.0	11.4	10.5	9.5	304.5	322.5	5.7	98.4	3.5	277.0
11.0	38.3	3090.8	700.0	1.0	1.2	230.6	13.7	12.3	8.7	306.3	322.7	5.3	98.4	3.2	288.0
12.0	41.1	3383.7	675.0	0.5	0.0	246.4	14.5	12.4	5.8	308.4	325.6	5.3	99.9	1.7	326.0
13.2	44.0	3686.6	650.0	-0.5	-0.8	254.2	12.9	12.5	2.3	310.2	325.9	5.3	99.9	1.7	326.0
14.4	46.8	4000.4	625.0	-2.0	-2.0	259.2	12.6	12.5	1.5	311.7	323.7	3.9	99.9	1.7	326.0
15.4	49.6	4324.6	600.0	-3.8	-3.8	261.9	14.2	14.2	0.8	308.9	311.8	0.9	99.9	1.7	326.0
16.4	52.6	4659.4	575.0	-6.9	-7.0	263.9	16.9	16.9	0.8	310.7	312.0	0.4	99.9	1.7	326.0
17.8	55.5	5003.2	550.0	-12.8	-14.8	267.2	17.6	17.6	0.8	313.6	317.8	0.3	99.9	1.7	326.0
18.9	58.6	5358.7	525.0	-15.9	-17.3	268.8	19.6	19.2	4.7	316.6	321.0	0.3	99.9	1.7	326.0
20.2	61.8	5725.0	500.0	-17.3	-19.2	267.9	22.3	21.8	1.8	319.1	322.5	0.3	99.9	1.7	326.0
21.4	64.8	6110.6	475.0	-19.2	-22.4	266.0	25.6	25.5	1.3	321.4	322.5	0.3	99.9	1.7	326.0
22.6	68.0	6514.3	450.0	-21.5	-24.6	272.6	30.0	29.9	-4.4	325.0	325.6	0.2	99.9	1.7	326.0
23.8	71.4	6937.4	425.0	-23.1	-26.3	277.1	35.3	35.0	-7.5	326.8	327.5	0.2	99.9	1.7	326.0
25.1	74.9	7383.0	400.0	-26.3	-28.1	280.8	40.4	39.7	-5.0	327.8	328.3	0.1	99.9	1.7	326.0
26.3	78.3	7852.9	375.0	-30.4	-33.6	276.1	47.0	46.7	0.9	330.4	330.8	0.1	99.9	1.7	326.0
27.8	82.0	8347.5	350.0	-33.6	-37.9	269.0	49.1	47.2	0.8	332.0	332.3	0.1	99.9	1.7	326.0
29.3	85.7	8871.5	325.0	-37.9	-42.3	266.6	48.0	48.0	-0.8	334.0	332.3	99.9	99.9	32.3	87.0
30.9	89.7	9428.3	300.0	-42.3	-46.9	271.0	52.7	52.7	-1.6	336.4	336.4	99.9	99.9	37.5	88.0
32.5	93.8	10022.0	275.0	-46.9	-52.9	271.7	54.1	54.1	-1.6	337.5	337.5	99.9	99.9	43.2	89.0
34.3	98.2	10659.9	250.0	-52.9	-59.0	271.1	51.7	51.7	-1.0	339.4	339.4	99.9	99.9	48.7	90.0
36.0	102.7	11348.4	225.0	-59.0	-66.8	276.5	47.5	47.5	-5.4	355.0	355.0	99.9	99.9	59.6	99.0
38.0	107.6	12097.6	200.0	-66.8	-75.0	282.2	40.3	39.4	-8.5	380.4	380.4	99.9	99.9	99.9	99.9
39.7	112.8	12941.8	175.0	-75.0	-83.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.6	118.7	13908.2	150.0	-83.3	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.8	125.2	15036.3	125.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA

28 MARCH 1982  
515 GMT

145 61. 0

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0 0	4.5	5.0	1022.9	5.0	3.8	70.0	7.7	-7.2	-2.6	276.4	288.8	4.9	92.0	0.0	0.0
0 5	6.9	189.8	1000.0	4.0	1.6	999.9	99.9	99.9	99.9	277.1	288.1	4.3	84.5	999.9	999.9
1 2	9.4	395.3	975.0	2.5	1.0	999.9	99.9	99.9	99.9	277.7	288.5	4.2	89.8	999.9	999.9
1 9	12.1	608.4	950.0	2.4	4.4	999.9	99.9	99.9	99.9	282.7	297.0	5.5	93.1	999.9	999.9
2 6	14.7	825.3	925.0	6.6	6.6	999.9	99.9	99.9	99.9	285.1	303.3	6.6	100.5	999.9	999.9
3 3	17.3	1051.9	900.0	9.0	8.9	84.3	15.1	-15.0	1.1	290.8	311.8	8.0	99.3	3.3	249.
4 0	20.0	1285.5	875.0	8.5	8.3	102.5	10.1	-9.9	2.2	292.7	313.5	7.9	98.2	3.8	253.
4 6	22.7	1525.6	850.0	7.8	5.4	74.8	8.9	-8.5	-2.3	294.4	314.2	6.9	90.8	4.0	255.
5 3	25.3	1771.7	825.0	6.6	5.5	52.1	9.2	-7.3	-5.6	295.6	317.7	7.1	92.7	4.4	253.
6 0	28.1	2024.6	800.0	8.1	6.1	40.6	5.7	-3.7	-4.3	297.3	318.8	7.4	100.5	4.7	251.
6 8	30.9	2285.0	775.0	5.1	5.1	147.3	2.5	-1.4	2.1	299.3	319.2	7.1	100.3	4.7	252.
7 5	33.7	2552.9	750.0	3.8	3.8	237.3	7.1	5.2	4.9	300.7	319.2	6.7	100.2	4.7	254.
8 2	36.4	2828.2	725.0	2.2	2.2	247.3	11.5	9.0	5.8	301.9	314.7	4.5	86.4	3.6	256.
9 2	39.3	3110.8	700.0	-0.6	-2.6	253.6	11.2	10.6	4.4	303.0	313.4	3.6	76.4	3.6	256.
10 0	42.2	3401.0	675.0	-2.4	-6.0	253.8	11.0	10.5	3.2	303.5	313.4	3.4	82.8	3.0	257.
10 8	45.1	3699.5	650.0	-4.8	-7.3	253.7	12.3	11.7	3.1	304.1	308.6	0.8	22.7	2.0	258.
11 6	48.1	4008.7	625.0	-7.3	-25.1	249.0	15.0	14.0	5.4	308.8	310.7	0.6	14.5	1.3	262.
12 5	51.1	4324.9	600.0	-8.4	-29.1	256.9	11.2	10.9	2.5	312.6	314.6	0.6	14.3	0.2	294.
13 5	54.3	4657.7	575.0	-6.3	-30.7	270.7	11.5	11.5	-0.1	314.3	317.7	0.5	14.4	1.2	68.
14 5	57.4	5004.2	550.0	-10.3	-32.3	285.1	19.8	18.8	6.2	316.1	318.2	0.4	14.5	2.2	71.
15 6	60.6	5383.8	525.0	-13.3	-34.7	269.9	15.2	15.1	1.3	318.8	318.5	0.3	15.2	3.0	77.
16 6	63.9	5737.3	500.0	-16.7	-37.0	269.9	21.6	21.6	0.0	317.3	321.1	0.3	16.8	5.3	81.
17 6	67.1	6125.3	475.0	-19.5	-39.7	269.9	41.0	40.9	1.8	320.0	325.6	0.3	14.1	8.0	84.
18 7	70.6	6529.9	450.0	-19.1	-39.7	269.9	34.7	34.7	0.1	324.6	325.6	0.2	14.4	10.1	85.
19 8	74.0	6956.2	425.0	-22.7	-42.5	270.9	30.5	30.5	-0.5	325.3	325.6	0.2	14.3	12.5	87.
21 0	77.7	7404.3	400.0	-26.9	-45.6	276.0	35.1	34.9	-3.7	326.1	327.8	0.2	14.9	15.1	89.
22 2	81.3	7873.7	375.0	-30.8	-47.8	278.3	39.9	39.5	-5.8	327.2	329.5	0.1	16.8	18.4	90.
23 4	85.0	8387.5	350.0	-34.8	-44.9	274.9	44.9	44.7	-3.8	328.7	330.8	0.2	34.5	22.1	91.
24 7	89.0	8899.0	325.0	-38.9	-44.9	269.0	47.0	47.0	0.8	330.8	330.8	99.9	99.9	26.0	90.
26 0	93.0	9443.0	300.0	-44.5	-44.5	269.9	47.2	47.2	1.7	331.6	331.6	99.9	99.9	30.1	90.
27 4	97.3	10032.8	275.0	-49.9	-49.9	270.7	48.4	48.4	-0.6	334.6	334.6	99.9	99.9	34.0	90.
28 8	101.8	10583.9	250.0	-54.8	-49.9	269.3	47.2	47.2	0.8	334.6	334.6	99.9	99.9	38.2	90.
30 2	106.6	11345.3	225.0	-59.6	-49.9	268.0	49.6	49.6	-1.7	338.3	338.3	99.9	99.9	42.6	90.
31 6	111.8	12090.1	200.0	-54.8	-49.9	268.0	49.6	49.6	-1.8	338.3	338.3	99.9	99.9	48.3	90.
33 1	117.0	12929.4	175.0	-57.5	-49.9	271.9	52.3	52.3	-4.3	339.4	339.4	99.9	99.9	53.4	91.
34 9	122.7	13897.8	150.0	-58.4	-49.9	275.2	47.1	47.1	-0.5	381.0	381.0	99.9	99.9	58.7	91.
36 9	129.0	15032.4	125.0	-63.0	-49.9	270.7	37.0	37.0	-1.8	399.9	399.9	99.9	99.9	64.4	91.
39 9	138.0	16398.6	100.0	-68.2	-49.9	274.1	25.5	25.5	99.9	433.8	433.8	99.9	99.9	99.9	99.9
44 2	143.3	18136.0	75.0	-68.4	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49 6	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59 9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA  
28 MARCH 1982  
1100 GMT

154 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	5.0	1021.8	5.6	2.9	50.0	4.1	-3.1	-2.6	277.0	288.8	4.6	83.0	0.0	0.
0.6	6.7	181.6	1000.0	5.0	0.6	13.3	3.4	-2.6	2.3	278.2	288.5	4.0	73.0	0.7	233.
1.3	9.0	388.1	975.0	4.7	-3.1	86.0	12.2	-12.2	0.9	279.9	288.2	3.1	57.0	0.9	242.
2.0	11.4	600.3	950.0	5.5	1.3	93.6	13.8	-13.8	0.9	282.8	288.2	4.5	74.6	1.6	254.
2.6	13.7	818.8	925.0	5.9	5.9	98.6	10.2	-10.1	1.2	285.4	301.8	6.3	100.5	1.9	258.
3.6	16.2	1044.2	900.0	7.1	6.7	80.1	7.9	-7.8	1.4	288.9	308.8	6.9	97.1	2.4	261.
4.4	18.5	1276.4	875.0	7.3	5.1	49.5	7.8	-5.9	-5.1	291.3	308.2	6.3	86.8	2.6	259.
5.3	21.1	1515.8	850.0	8.3	4.5	38.3	5.9	-3.7	-4.6	294.9	311.7	6.2	78.7	3.1	254.
6.1	23.5	1762.5	825.0	7.4	3.7	23.4	2.4	-1.0	-2.2	296.4	312.9	6.1	77.3	3.3	252.
6.9	26.1	2015.6	800.0	5.8	4.4	300.9	1.8	1.5	0.5	297.7	315.2	6.4	90.8	3.3	252.
7.8	28.7	2275.0	775.0	3.8	3.6	264.7	5.1	5.1	2.1	298.4	315.2	5.8	100.3	3.2	250.
8.8	31.3	2540.9	750.0	1.6	1.6	253.2	7.2	6.9	2.6	298.4	312.7	5.0	100.0	2.8	249.
9.9	34.0	2813.4	725.0	-0.7	-0.7	250.2	7.5	7.1	2.6	300.2	312.7	4.2	90.1	1.8	249.
10.9	36.6	3093.7	700.0	-2.1	-3.5	260.6	7.8	7.5	1.2	304.1	308.3	4.2	27.2	1.4	241.
11.9	39.3	3382.8	675.0	-1.4	-17.9	284.5	9.4	9.1	-2.4	307.1	310.8	1.0	19.5	1.1	211.
12.9	42.1	3683.4	650.0	-1.7	-22.0	277.9	13.4	12.7	-4.3	307.8	310.8	0.9	20.3	1.3	157.
14.1	44.9	3994.1	625.0	-4.0	-23.4	277.9	18.1	16.0	-2.2	309.5	312.1	0.8	19.5	2.0	129.
15.2	47.8	4314.7	600.0	-5.8	-25.3	275.8	17.5	17.4	-1.8	310.5	312.8	0.7	18.0	2.7	117.
16.4	50.8	4646.8	575.0	-8.1	-27.6	278.3	19.1	18.9	-2.8	312.8	314.8	0.6	18.1	4.7	111.
17.7	53.8	4991.2	550.0	-9.5	-28.3	282.7	20.8	20.3	-4.6	312.8	315.5	0.5	18.2	6.3	110.
18.9	56.8	5348.6	525.0	-12.2	-31.5	285.7	22.2	21.4	-5.5	315.3	317.4	0.7	24.5	10.4	107.
20.3	60.0	5720.2	500.0	-14.5	-30.3	282.4	25.9	25.3	-4.7	317.8	320.0	0.8	29.5	13.1	105.
21.6	63.3	6107.4	475.0	-16.3	-30.1	278.3	32.8	32.3	-4.4	318.3	321.6	0.8	45.0	15.5	103.
22.8	66.8	6511.7	450.0	-19.9	-28.2	276.9	38.1	35.9	-3.0	319.4	322.5	0.2	20.3	20.2	101.
24.4	70.0	6933.0	425.0	-23.1	-31.7	274.5	37.9	37.8	0.2	321.7	324.0	0.1	15.5	24.4	98.
26.0	73.6	7374.7	400.0	-25.7	-42.0	269.8	39.3	39.3	2.0	323.4	325.7	0.1	17.7	35.1	95.
27.8	77.3	7839.5	375.0	-28.8	-46.9	267.5	44.3	44.2	2.1	325.4	325.7	99.9	99.9	41.2	94.
29.6	81.1	8329.1	350.0	-32.8	-48.7	267.6	50.1	50.0	3.2	326.1	327.8	99.9	99.9	48.4	93.
31.5	85.0	8845.6	325.0	-37.2	-52.8	267.5	50.0	49.9	1.5	327.8	328.1	99.9	99.9	55.4	92.
33.1	89.0	9392.7	300.0	-42.1	-59.9	266.2	48.0	47.1	1.6	331.2	331.2	99.9	99.9	63.2	92.
34.7	93.3	9975.6	275.0	-46.5	-59.9	266.3	54.2	54.2	-3.5	334.9	334.9	99.9	99.9	73.0	93.
36.4	97.7	10603.6	250.0	-50.3	-59.9	273.7	54.5	51.2	-3.0	343.1	343.1	99.9	99.9	84.5	93.
38.0	102.4	11284.2	225.0	-54.5	-59.9	273.4	51.3	48.9	-2.8	357.8	357.8	99.9	99.9	93.7	93.
40.7	107.4	12034.0	200.0	-56.7	-59.9	273.2	49.0	45.7	-1.0	370.7	370.7	99.9	99.9	104.4	93.
43.9	112.7	12882.3	175.0	-55.8	-59.9	273.5	45.7	38.4	-3.7	384.4	384.4	99.9	99.9	112.6	93.
47.4	118.5	13860.6	150.0	-57.7	-59.9	271.5	38.4	34.3	-2.1	402.0	402.0	99.9	99.9	118.0	93.
51.1	124.5	15005.5	125.0	-61.1	-59.9	271.5	24.6	12.7	-2.5	439.1	439.1	99.9	99.9	120.9	93.
55.0	131.2	16381.3	100.0	-65.1	-59.9	271.5	12.8	7.4	-1.8	502.6	502.6	99.9	99.9	124.0	93.
58.5	136.3	18141.4	75.0	-63.8	-59.9	260.4	7.8	3.0	-1.8	637.8	637.8	99.9	99.9		
63.1	146.3	20617.2	50.0	-59.8	-59.9	286.6	3.5								
67.2	154.7	25046.0	25.0	-51.2	-59.9	300.8									

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.2	124.0	1007.5	5.0	2.5	60.0	2.8	-2.3	-1.3	277.6	289.2	4.6	84.0	0.0	0.
0.3	6.9	185.0	1000.0	4.7	2.0	89.1	11.2	-11.2	-0.2	277.9	289.2	4.4	82.3	0.1	276.
1.0	9.5	331.3	975.0	3.8	-2.5	94.8	13.0	-12.9	1.1	279.0	287.6	3.3	83.2	0.5	272.
1.7	12.0	601.7	950.0	2.2	-6.2	94.9	14.6	-14.5	1.3	279.4	287.2	2.9	82.2	1.0	274.
2.6	14.6	816.5	925.0	0.3	-6.2	98.0	14.6	-14.4	2.0	278.7	285.6	2.6	81.6	1.8	275.
3.5	17.2	1035.7	900.0	-1.1	-7.1	100.3	14.1	-13.9	3.5	280.3	287.0	2.5	83.9	2.6	276.
4.2	19.6	1259.9	875.0	-2.3	-8.1	102.6	14.3	-14.0	3.1	281.4	287.8	2.4	84.3	3.2	277.
5.0	22.3	1491.8	850.0	0.2	-1.1	118.8	9.3	-8.2	4.5	286.4	297.6	4.2	90.9	3.9	279.
5.9	25.0	1732.9	825.0	3.0	2.8	183.1	5.3	0.3	5.3	291.8	307.1	5.7	98.6	4.1	281.
6.9	27.6	1982.9	800.0	3.0	2.8	229.1	10.1	7.7	6.6	294.4	310.3	5.9	98.8	3.9	287.
7.9	30.3	2239.8	775.0	1.4	1.2	226.5	12.4	9.0	6.5	295.4	310.2	5.4	98.8	3.8	290.
8.8	33.0	2503.5	750.0	0.1	-0.1	231.3	12.9	10.1	8.1	298.7	310.6	5.1	98.4	3.4	307.
9.8	35.7	2775.5	725.0	-0.4	-0.8	233.8	14.3	11.5	8.4	299.1	313.2	5.1	98.4	3.2	321.
10.8	38.4	3056.3	700.0	-1.3	-1.6	238.4	17.7	15.1	8.4	301.0	314.7	4.9	97.9	3.2	337.
11.9	41.1	3346.2	675.0	-2.1	-2.5	246.4	21.6	19.7	8.6	303.2	316.8	4.7	97.3	3.6	357.
12.9	44.1	3646.1	650.0	-3.0	-3.4	255.7	24.6	23.6	6.1	305.6	318.9	4.6	97.1	4.3	16.
14.2	47.0	3956.5	625.0	-4.1	-4.6	265.5	28.8	28.7	2.1	307.7	320.5	4.4	96.9	5.4	35.
15.4	49.9	4278.1	600.0	-5.9	-6.3	270.5	28.6	28.6	-0.2	309.3	321.0	4.0	96.8	6.7	48.
16.8	52.9	4611.0	575.0	-7.7	-8.2	274.3	23.6	23.5	-1.8	311.0	321.8	3.6	96.2	8.1	57.
17.8	55.9	4955.9	550.0	-9.9	-10.5	276.3	21.9	21.8	-2.4	312.3	322.9	3.1	95.8	9.4	63.
18.9	59.0	5314.2	525.0	-11.8	-12.5	278.9	20.9	20.7	-2.5	315.1	322.2	2.8	94.3	10.7	71.
20.2	62.0	5685.9	500.0	-14.7	-15.5	278.9	20.7	20.6	-3.0	318.3	322.0	2.3	88.7	12.9	75.
21.6	65.3	6072.7	475.0	-17.5	-18.9	277.1	24.6	24.4	-3.2	317.6	322.2	1.8	85.1	16.3	78.
23.3	68.6	6475.6	450.0	-20.4	-22.3	275.4	28.8	28.7	-3.0	319.0	322.6	1.4	80.6	18.7	81.
24.6	72.0	6898.6	425.0	-23.4	-25.8	275.3	32.8	32.7	-4.7	317.5	319.1	0.5	58.1	22.2	83.
26.4	75.4	7335.5	400.0	-28.9	-34.8	277.9	34.1	33.8	-5.1	319.2	320.4	0.3	49.2	25.8	85.
28.2	79.0	7794.0	375.0	-32.0	-39.1	278.2	35.8	35.5	-3.1	323.4	324.2	0.2	34.3	30.0	87.
30.1	82.6	8279.9	350.0	-33.7	-44.0	274.5	40.2	40.1	-2.6	329.1	330.7	0.4	27.7	36.1	88.
32.5	86.4	8799.4	325.0	-34.5	-49.3	273.3	46.2	46.1	-3.4	330.0	330.9	0.4	20.9	42.5	89.
35.0	90.3	9353.5	300.0	-39.3	-59.9	273.9	49.5	49.4	-4.1	331.0	331.0	0.4	18.9	51.2	90.
37.9	94.5	9942.7	275.0	-44.4	-69.9	274.8	48.5	48.3	-6.9	332.0	332.0	0.4	18.9	59.5	91.
40.6	98.7	10574.1	250.0	-48.6	-79.9	277.3	54.8	54.4	-12.6	332.9	332.9	0.4	18.9	70.5	92.
43.8	103.3	11253.8	225.0	-55.9	-89.9	281.3	63.9	62.6	-16.4	332.9	332.9	0.4	18.9	81.3	94.
46.8	108.2	11933.5	200.0	-60.5	-99.9	285.4	61.8	59.6	-12.5	334.4	334.4	0.4	18.9	94.4	95.
50.2	113.2	12816.8	175.0	-64.0	-99.9	282.5	57.7	56.3	-15.4	335.5	335.5	0.4	18.9	107.5	96.
54.4	119.0	13766.3	150.0	-61.9	-99.9	283.8	64.3	62.5	-9.9	335.5	335.5	0.4	18.9	119.5	97.
58.8	125.2	14900.6	125.0	-80.7	-99.9	292.9	25.3	23.3	-14.7	404.9	399.9	0.4	18.9	133.8	98.
64.0	132.0	16274.6	100.0	-83.6	-99.9	320.7	19.0	12.0	-6.3	438.5	399.9	0.4	18.9	139.3	98.
71.8	140.3	18026.4	75.0	-85.1	-99.9	285.1	24.1	23.3	14.8	500.5	399.9	0.4	18.9	144.1	98.
81.7	149.5	20530.8	50.0	-60.7	-99.9	189.8	15.0	4.0	14.5	627.3	399.9	0.4	18.9		
99.1	160.0	24924.9	25.0	-54.8	-99.9	195.5	15.0	4.0							

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
27 MARCH 1982  
1400 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	124.0	1010.0	4.4	1.9	70.0	2.6	-2.4	-0.9	276.8	287.9	4.4	84.0	0.0	0.
0.4	6.2	205.0	1000.0	3.6	1.3	97.6	9.8	-9.8	1.3	276.7	287.5	4.2	85.3	0.2	244.
1.1	8.6	410.2	975.0	2.1	-0.4	101.3	10.8	-10.4	2.1	276.7	287.5	3.8	83.5	0.5	266.
1.9	11.1	619.5	950.0	1.3	-3.6	103.9	14.3	-13.9	3.4	278.5	288.6	3.1	70.0	1.1	278.
2.7	13.6	832.6	925.0	-0.1	-3.2	109.2	13.9	-13.1	4.7	278.5	288.6	3.3	79.7	1.8	279.
3.5	16.1	1052.9	900.0	-0.6	-1.0	122.2	12.5	-10.6	6.7	280.9	291.2	4.0	86.9	2.4	283.
4.3	18.6	1278.1	875.0	-1.4	-1.8	124.0	13.7	-11.3	7.6	282.3	292.4	3.8	96.8	3.0	288.
5.0	21.1	1508.9	850.0	-2.4	-2.9	128.1	13.1	-10.3	8.1	283.6	292.4	3.6	96.8	3.6	290.
6.0	23.7	1746.8	825.0	-0.4	-0.8	183.4	11.1	-3.2	10.6	288.2	300.0	4.4	96.9	4.1	295.
6.9	26.3	1994.3	800.0	1.1	0.7	203.2	10.8	4.3	9.9	292.4	308.1	5.1	97.2	4.4	302.
7.9	28.9	2250.5	775.0	1.7	1.3	243.9	11.4	10.2	5.0	295.6	310.5	5.5	97.3	4.3	310.
8.8	31.6	2515.2	750.0	1.0	0.6	270.9	12.5	12.4	1.8	297.7	312.5	5.4	97.2	4.0	318.
9.7	34.2	2787.6	725.0	0.0	-0.4	277.2	16.0	16.0	-0.2	299.5	313.9	5.1	97.0	3.5	327.
10.7	36.9	3069.1	700.0	-0.2	-0.7	277.2	19.9	18.8	-2.4	302.2	317.0	5.2	97.0	3.0	344.
11.7	39.7	3350.3	675.0	-1.9	-2.4	281.4	19.3	18.9	-3.8	303.5	317.1	4.8	96.6	2.7	37.
12.7	42.4	3639.8	650.0	-4.0	-4.5	281.6	18.0	17.7	-3.6	304.5	316.7	4.2	96.2	2.8	31.
13.7	45.2	3928.7	625.0	-5.9	-7.2	278.4	16.8	16.6	-2.4	305.7	316.2	3.8	96.6	3.3	48.
14.8	48.1	4217.2	600.0	-8.8	-11.7	278.9	18.0	17.8	-2.8	308.2	313.9	2.6	96.0	4.2	60.
16.0	51.0	4505.8	575.0	-10.5	-15.2	280.5	22.9	22.5	-4.2	307.7	313.9	2.0	98.5	5.3	70.
17.3	54.0	4794.3	550.0	-11.4	-13.1	273.3	27.5	27.5	-1.6	310.6	318.3	2.5	94.1	7.1	77.
18.6	57.0	5082.8	525.0	-12.7	-13.4	285.9	30.8	30.7	2.2	313.2	321.2	2.3	92.7	9.4	80.
19.8	60.0	5371.5	500.0	-14.6	-15.5	280.7	32.1	31.7	5.2	315.2	323.3	2.3	92.7	11.7	81.
21.1	63.3	5660.3	475.0	-16.6	-18.1	258.6	33.6	32.7	7.8	317.4	325.5	1.9	88.0	14.2	80.
22.5	66.5	5949.1	450.0	-20.2	-22.4	259.2	33.1	32.5	6.2	317.9	325.5	1.4	82.2	17.1	80.
24.0	69.9	6237.9	425.0	-24.9	-24.2	259.2	33.1	31.8	2.4	317.9	325.5	0.2	82.2	20.0	80.
25.5	73.3	6526.7	400.0	-27.4	-42.2	259.2	33.1	31.8	0.3	317.9	325.5	0.2	82.2	22.8	81.
27.0	76.7	6815.5	375.0	-30.6	-44.8	259.9	33.4	33.4	0.0	319.4	320.1	0.2	81.5	25.9	82.
28.8	80.4	7104.3	350.0	-32.1	-41.9	269.9	37.9	37.9	-1.7	321.1	328.8	0.4	81.5	28.8	83.
30.6	84.2	7393.1	325.0	-35.3	-40.5	272.3	43.4	43.4	-5.7	325.5	328.8	0.3	81.5	31.7	85.
32.4	88.2	7681.9	300.0	-39.8	-49.9	276.1	46.9	46.5	-5.0	329.3	329.3	0.3	81.5	34.6	87.
34.4	92.3	7970.7	275.0	-45.3	-49.9	276.1	54.3	54.2	-2.2	329.3	329.3	0.3	81.5	37.5	88.
36.5	96.6	8259.5	250.0	-49.4	-49.9	275.1	58.9	58.7	-5.3	329.3	329.3	0.3	81.5	40.4	90.
38.8	101.2	8548.3	225.0	-54.6	-49.9	275.1	58.9	58.7	-12.4	329.3	329.3	0.3	81.5	43.3	91.
41.2	106.2	8837.1	200.0	-58.7	-49.9	275.1	58.9	58.7	-14.9	329.3	329.3	0.3	81.5	46.2	93.
43.8	111.5	9125.9	175.0	-59.6	-49.9	275.1	58.9	58.7	-11.7	329.3	329.3	0.3	81.5	49.1	94.
46.9	117.2	9414.7	150.0	-59.8	-49.9	275.1	58.9	58.7	-11.5	329.3	329.3	0.3	81.5	52.0	95.
50.7	124.0	9703.5	125.0	-59.8	-49.9	275.1	58.9	58.7	-12.8	329.3	329.3	0.3	81.5	54.9	96.
55.0	131.3	10000.0	100.0	-59.9	-49.9	275.1	58.9	58.7	-12.1	329.3	329.3	0.3	81.5	57.8	97.
60.5	140.0	10300.0	75.0	-61.6	-49.9	275.1	58.9	58.7	-12.1	329.3	329.3	0.3	81.5	60.7	98.
68.0	150.0	10600.0	50.0	-57.9	-49.9	275.1	58.9	58.7	-9.9	329.3	329.3	0.3	81.5	63.6	99.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS

27 MARCH 1982  
1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	124.0	1010.1	4.4	1.9	60.0	4.1	-3.6	-2.0	276.8	287.9	4.4	84.0	0.0	0.
0.2	6.4	205.7	1000.0	3.2	-0.3	87.8	11.5	-11.5	-0.4	276.8	286.0	3.8	78.2	0.0	238.
0.9	9.0	410.5	975.0	1.5	0.2	90.1	12.8	-12.8	0.0	276.8	286.8	4.0	91.6	0.5	253.
1.6	11.8	619.3	950.0	-0.3	-1.6	92.6	15.9	-15.9	1.0	276.8	286.1	3.6	91.3	1.1	263.
2.4	14.3	832.2	925.0	-1.9	-3.2	99.1	17.8	-17.8	2.8	277.4	285.9	3.3	91.2	2.0	269.
3.3	17.0	1050.0	900.0	-3.1	-3.0	104.0	16.5	-16.0	4.0	279.4	288.3	3.4	93.2	2.9	273.
4.0	19.7	1274.4	875.0	-1.6	-2.1	108.1	12.6	-12.1	3.5	282.1	292.0	3.8	96.7	3.7	276.
5.0	22.4	1508.0	850.0	0.6	-0.2	126.8	9.2	-7.7	5.8	285.9	297.4	4.3	97.0	4.2	278.
5.9	25.1	1745.8	825.0	0.2	0.2	189.8	8.2	1.1	6.1	289.2	301.9	4.7	97.1	4.5	282.
6.8	27.9	1993.6	800.0	1.2	1.2	246.8	7.7	7.1	3.0	292.8	307.0	5.2	97.3	4.3	285.
7.7	30.7	2250.0	775.0	1.5	1.1	259.9	10.5	10.4	1.8	295.4	310.1	5.4	97.3	3.8	288.
8.6	33.5	2514.4	750.0	1.3	0.9	260.6	14.2	14.0	2.3	298.0	313.2	5.5	97.2	3.2	294.
9.6	36.4	2787.9	725.0	0.9	0.5	283.5	14.9	14.8	1.7	300.5	315.9	5.5	97.2	2.5	305.
10.7	39.3	3089.7	700.0	0.6	-1.0	288.0	14.5	14.4	1.0	301.8	316.1	5.1	96.9	1.9	324.
11.8	42.1	3360.0	675.0	-0.6	-1.0	288.0	14.5	14.4	1.0	301.8	316.1	5.1	96.9	1.9	324.
12.9	45.1	3660.0	650.0	-2.1	-2.6	270.5	14.3	14.3	-0.1	303.3	318.8	4.6	96.6	1.7	355.
14.0	48.1	3970.3	625.0	-4.1	-4.6	277.4	17.2	17.1	-1.6	307.7	320.4	4.3	96.2	2.3	53.
15.1	51.1	4291.4	600.0	-7.2	-8.2	273.1	21.1	21.1	-1.1	307.8	318.0	3.4	96.2	3.3	68.
16.3	54.3	4622.4	575.0	-9.0	-9.7	265.3	24.8	24.7	2.0	309.4	318.9	3.2	94.6	4.8	75.
17.5	57.4	4966.2	550.0	-10.1	-10.8	265.7	26.9	26.1	6.6	312.1	321.3	3.0	94.6	6.7	76.
18.7	60.6	5324.1	525.0	-12.0	-13.0	249.1	28.9	27.0	10.3	314.0	322.3	2.7	92.0	8.8	75.
19.8	63.9	5688.2	500.0	-14.2	-15.4	250.7	28.2	27.6	9.7	315.8	323.0	2.7	90.6	10.8	74.
21.6	67.3	6082.7	475.0	-19.0	-21.3	252.2	28.3	28.9	8.7	314.5	318.5	0.6	90.6	13.8	74.
23.7	70.6	6483.1	450.0	-22.2	-26.3	255.5	30.8	29.9	8.7	315.4	317.0	0.5	90.6	17.3	73.
25.5	74.1	6901.0	425.0	-24.8	-30.3	261.1	33.6	33.2	5.2	317.3	317.9	0.2	90.6	20.8	74.
26.9	77.7	7339.8	400.0	-27.5	-34.0	263.9	35.3	35.1	3.7	319.3	319.8	0.1	90.6	23.7	75.
28.5	81.4	7801.2	375.0	-30.6	-38.3	261.9	37.3	36.9	5.3	321.2	321.6	0.1	90.6	27.1	76.
30.5	85.4	8289.6	350.0	-32.1	-40.1	264.5	42.9	42.7	4.1	325.5	326.0	0.1	90.6	31.8	77.
32.5	89.3	8809.4	325.0	-35.5	-43.5	269.5	49.8	49.8	0.5	327.7	328.2	0.1	90.6	37.3	79.
34.6	93.3	9361.9	300.0	-38.6	-46.9	272.3	52.4	52.3	-2.1	329.6	329.9	99.9	99.9	43.7	81.
36.8	97.5	9952.0	275.0	-43.1	-50.9	280.8	54.6	54.6	0.2	331.4	331.4	99.9	99.9	50.2	82.
38.7	101.8	10584.8	250.0	-48.1	-53.3	288.9	57.9	57.9	1.1	333.6	333.6	99.9	99.9	57.2	83.
40.9	106.6	11270.0	225.0	-53.1	-59.9	283.2	62.2	62.2	-6.0	337.2	337.2	99.9	99.9	65.0	84.
43.4	111.6	12020.3	200.0	-57.6	-63.1	275.5	51.5	50.2	-11.8	341.6	341.6	99.9	99.9	74.1	86.
46.2	117.0	12863.5	175.0	-57.4	-63.1	275.9	59.8	59.5	-6.1	355.2	355.2	99.9	99.9	81.5	87.
49.1	122.7	13835.1	150.0	-58.6	-63.1	281.9	47.3	46.2	-9.8	369.2	369.2	99.9	99.9	91.9	88.
52.8	129.0	14980.6	125.0	-58.9	-63.1	289.5	34.9	32.9	-11.7	388.3	388.3	99.9	99.9	104.3	90.
56.8	135.7	16380.0	100.0	-59.9	-63.1	309.8	15.5	11.9	-9.9	412.0	412.0	99.9	99.9	109.8	91.
60.2	143.3	18166.5	75.0	-60.2	-63.1	307.8	19.4	15.4	-11.9	446.7	446.7	99.9	99.9	110.4	92.
63.2	151.3	20700.2	50.0	-63.3	-63.1	310.9	11.9	9.1	-7.7	510.6	510.6	99.9	99.9	113.3	92.
81.1	160.0	25158.8	25.0	-51.5	-63.1	310.9	99.9	99.9	99.9	636.7	636.7	99.9	99.9	399.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
27 MARCH 1982  
2000 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED K/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DG
0.0	6.3	124.0	1009.6	3.9	1.5	80.0	4.1	-3.6	-2.0	275.3	287.0	4.2	84.0	0.0	0.
0.3	9.9	201.7	1000.0	3.2	0.8	80.4	14.1	-13.9	-2.3	275.3	286.7	4.1	84.6	0.0	0.1 243.
0.9	9.9	406.3	975.0	1.3	0.1	82.9	13.5	-13.9	-1.7	275.4	286.6	4.0	84.1	0.4	0.4 258.
1.5	12.4	615.0	950.0	-0.5	-1.2	88.5	14.4	-14.4	-0.4	277.7	286.2	3.7	84.8	1.0	1.0 262.
2.3	15.1	827.9	925.0	-1.5	-3.0	93.9	18.0	-18.0	1.2	277.8	286.4	3.3	89.2	1.7	1.7 265.
3.1	17.8	1046.2	900.0	-2.1	-7.3	98.6	17.9	-17.7	3.0	279.3	285.9	2.4	87.4	2.6	2.6 270.
3.9	20.4	1270.6	875.0	-0.0	-1.2	108.6	11.0	-10.4	3.5	282.7	284.4	4.0	82.2	3.3	3.3 272.
4.9	23.2	1503.9	850.0	1.7	1.4	102.8	4.4	-4.3	1.0	287.9	284.2	5.0	98.5	3.7	3.7 275.
5.8	25.9	1744.8	825.0	1.7	1.4	284.9	5.6	5.4	-2.8	290.4	304.1	5.3	97.9	3.8	3.8 277.
6.7	28.7	1993.4	800.0	1.7	1.4	284.9	5.6	5.4	-1.4	293.0	307.3	5.0	97.9	3.5	3.5 273.
7.7	31.4	2249.3	775.0	0.4	0.1	281.6	8.0	7.8	-1.6	294.3	310.3	5.0	97.6	3.2	3.2 272.
8.8	34.2	2512.5	750.0	0.1	-0.4	283.0	11.7	11.4	-2.6	296.5	314.1	5.2	98.4	1.8	1.8 264.
9.7	37.0	2784.6	725.0	0.1	-0.1	283.2	14.8	14.5	-3.9	301.6	315.8	5.1	98.3	0.9	0.9 240.
10.8	39.9	3058.0	700.0	-0.8	-1.1	283.2	17.1	16.6	-3.1	303.3	318.9	4.7	97.3	0.7	0.7 153.
11.8	42.8	3358.4	675.0	-2.1	-2.4	285.2	18.8	18.8	-1.6	305.6	318.8	4.6	97.1	1.5	1.5 102.
12.8	45.8	3658.4	650.0	-3.0	-3.4	285.2	20.0	19.2	5.9	305.6	317.9	3.9	93.0	2.6	2.6 82.
13.8	48.8	3958.3	625.0	-5.2	-6.1	285.2	19.5	18.4	6.6	305.6	317.0	3.2	86.5	3.3	3.3 78.
14.8	51.8	4258.1	600.0	-7.4	-9.3	247.8	20.9	19.4	7.9	308.0	314.6	2.2	70.7	5.3	5.3 71.
15.8	54.9	4557.2	575.0	-10.2	-14.5	243.5	23.4	21.2	12.2	308.3	309.8	0.4	14.4	7.1	7.1 74.
16.8	58.0	4857.2	550.0	-13.3	-17.2	241.4	25.5	22.4	13.1	308.9	310.0	0.3	14.4	9.0	9.0 69.
17.8	61.1	5157.2	525.0	-16.2	-20.5	239.6	26.7	24.4	10.8	313.1	317.8	1.5	13.6	10.9	10.9 70.
18.8	64.5	5457.0	500.0	-19.3	-23.8	236.1	27.4	26.6	8.6	314.1	318.3	0.8	13.6	12.8	12.8 71.
19.8	67.6	5756.0	475.0	-21.1	-26.4	230.4	32.8	32.3	5.5	318.8	317.5	0.2	13.6	15.3	15.3 73.
20.8	70.7	6056.4	450.0	-23.3	-28.9	226.9	34.7	34.3	5.5	319.1	319.8	0.2	13.6	18.7	18.7 73.
21.8	73.7	6356.4	425.0	-26.4	-31.5	220.9	37.7	37.4	4.7	320.6	321.2	0.2	13.6	21.9	21.9 74.
22.8	76.7	6656.4	400.0	-29.2	-34.5	216.9	39.0	38.9	4.7	322.9	323.4	0.1	14.0	25.8	25.8 76.
23.8	79.7	6956.4	375.0	-32.0	-37.5	212.9	40.2	40.1	3.5	325.6	326.0	0.1	14.0	30.0	30.0 77.
24.8	82.7	7256.4	350.0	-35.0	-40.4	208.9	42.2	42.2	3.3	328.5	328.8	0.1	14.0	34.3	34.3 78.
25.8	85.7	7556.4	325.0	-38.0	-43.5	204.9	44.2	44.2	2.1	331.9	331.9	0.1	14.0	38.7	38.7 80.
26.8	88.7	7856.4	300.0	-41.0	-46.5	201.9	46.2	46.2	0.8	334.4	334.4	0.1	14.0	43.1	43.1 82.
27.8	91.7	8156.4	275.0	-44.0	-49.5	198.9	48.2	48.2	0.5	337.4	337.4	0.1	14.0	47.5	47.5 83.
28.8	94.7	8456.4	250.0	-47.0	-52.5	195.9	50.2	50.2	0.5	340.4	340.4	0.1	14.0	51.9	51.9 85.
29.8	97.7	8756.4	225.0	-50.0	-55.5	192.9	52.2	52.2	0.5	343.4	343.4	0.1	14.0	56.3	56.3 87.
30.8	100.7	9056.4	200.0	-53.0	-58.5	189.9	54.2	54.2	0.5	346.4	346.4	0.1	14.0	60.7	60.7 88.
31.8	103.7	9356.4	175.0	-56.0	-61.5	186.9	56.2	56.2	0.5	349.4	349.4	0.1	14.0	65.1	65.1 89.
32.8	106.7	9656.4	150.0	-59.0	-64.5	183.9	58.2	58.2	0.5	352.4	352.4	0.1	14.0	69.5	69.5 91.
33.8	109.7	9956.4	125.0	-62.0	-67.5	180.9	60.2	60.2	0.5	355.4	355.4	0.1	14.0	73.9	73.9 92.
34.8	112.7	10256.4	100.0	-65.0	-70.5	177.9	62.2	62.2	0.5	358.4	358.4	0.1	14.0	78.3	78.3 92.
35.8	115.7	10556.4	75.0	-68.0	-73.5	174.9	64.2	64.2	0.5	361.4	361.4	0.1	14.0	82.7	82.7 92.
36.8	118.7	10856.4	50.0	-71.0	-76.5	171.9	66.2	66.2	0.5	364.4	364.4	0.1	14.0	87.1	87.1 92.
37.8	121.7	11156.4	25.0	-74.0	-79.5	168.9	68.2	68.2	0.5	367.4	367.4	0.1	14.0	91.5	91.5 92.
38.8	124.7	11456.4	0.0	-77.0	-82.5	165.9	70.2	70.2	0.5	370.4	370.4	0.1	14.0	95.9	95.9 92.
39.8	127.7	11756.4	0.0	-80.0	-85.5	162.9	72.2	72.2	0.5	373.4	373.4	0.1	14.0	100.3	100.3 92.
40.8	130.7	12056.4	0.0	-83.0	-88.5	159.9	74.2	74.2	0.5	376.4	376.4	0.1	14.0	104.7	104.7 92.
41.8	133.7	12356.4	0.0	-86.0	-91.5	156.9	76.2	76.2	0.5	379.4	379.4	0.1	14.0	109.1	109.1 92.
42.8	136.7	12656.4	0.0	-89.0	-94.5	153.9	78.2	78.2	0.5	382.4	382.4	0.1	14.0	113.5	113.5 92.
43.8	139.7	12956.4	0.0	-92.0	-97.5	150.9	80.2	80.2	0.5	385.4	385.4	0.1	14.0	117.9	117.9 92.
44.8	142.7	13256.4	0.0	-95.0	-100.5	147.9	82.2	82.2	0.5	388.4	388.4	0.1	14.0	122.3	122.3 92.
45.8	145.7	13556.4	0.0	-98.0	-103.5	144.9	84.2	84.2	0.5	391.4	391.4	0.1	14.0	126.7	126.7 92.
46.8	148.7	13856.4	0.0	-101.0	-106.5	141.9	86.2	86.2	0.5	394.4	394.4	0.1	14.0	131.1	131.1 92.
47.8	151.7	14156.4	0.0	-104.0	-109.5	138.9	88.2	88.2	0.5	397.4	397.4	0.1	14.0	135.5	135.5 92.
48.8	154.7	14456.4	0.0	-107.0	-112.5	135.9	90.2	90.2	0.5	400.4	400.4	0.1	14.0	139.9	139.9 92.
49.8	157.7	14756.4	0.0	-110.0	-115.5	132.9	92.2	92.2	0.5	403.4	403.4	0.1	14.0	144.3	144.3 92.
50.8	160.7	15056.4	0.0	-113.0	-118.5	129.9	94.2	94.2	0.5	406.4	406.4	0.1	14.0	148.7	148.7 92.
51.8	163.7	15356.4	0.0	-116.0	-121.5	126.9	96.2	96.2	0.5	409.4	409.4	0.1	14.0	153.1	153.1 92.
52.8	166.7	15656.4	0.0	-119.0	-124.5	123.9	98.2	98.2	0.5	412.4	412.4	0.1	14.0	157.5	157.5 92.
53.8	169.7	15956.4	0.0	-122.0	-127.5	120.9	100.2	100.2	0.5	415.4	415.4	0.1	14.0	161.9	161.9 92.
54.8	172.7	16256.4	0.0	-125.0	-130.5	117.9	102.2	102.2	0.5	418.4	418.4	0.1	14.0	166.3	166.3 92.
55.8	175.7	16556.4	0.0	-128.0	-133.5	114.9	104.2	104.2	0.5	421.4	421.4	0.1	14.0	170.7	170.7 92.
56.8	178.7	16856.4	0.0	-131.0	-136.5	111.9	106.2	106.2	0.5	424.4	424.4	0.1	14.0	175.1	175.1 92.
57.8	181.7	17156.4	0.0	-134.0	-139.5	108.9	108.2	108.2	0.5	427.4	427.4	0.1	14.0	179.5	179.5 92.
58.8	184.7	17456.4	0.0	-137.0	-142.5	105.9	110.2	110.2	0.5	430.4	430.4	0.1	14.0	183.9	183.9 92.
59.8	187.7	17756.4	0.0	-140.0	-145.5	102.9	112.2	112.2	0.5	433.4	433.4	0.1	14.0	188.3	188.3 92.
60.8	190.7	18056.4	0.0	-143.0	-148.5	99.9	114.2	114.2	0.5	436.4	436.4	0.1	14.0	192.7	192.7 92.
61.8	193.7	18356.4	0.0	-146.0	-151.5	96.9	116.2	116.2	0.5	439.4	439.4	0.1	14.0	197.1	197.1 92.
62.8	196.7	18656.4	0.0	-149.0	-154.5	93.9	118.2	118.2	0.5	442.4	442.4	0.1	14.0	201.5	201.5 92.
63.8	199.7	18956.4	0.0	-152.0	-157.5	90.9	120.2	120.2	0.5	445.4	445.4	0.1	14.0	205.9	205.9 92.
64.8	202.7	19256.4	0.0	-155.0	-160.5	87.9	122.2	122.2	0.5	448.4	448.4	0.1	14.0	210.3	210.3 92.
65.8	205.7	19556.4	0.0	-158.0	-163.5	84.9	124.2	124.2	0.5	451.4	451.4	0.1	14.0	214.7	214.7 92.
66.8	208.7	19856.4	0.0	-161.0	-166.5	81.9	126.2	126.2	0.5	454.4	454.4	0.1	14.0	219.1	219.1 92.
67.8	211.7	20156.4	0.0	-164.0	-169.5	78.9	128.2	128.2	0.5	457.4	457.4	0.1	14.0	223.5	223.5 92.
68.8	214.7	20456.4	0.0	-167.0	-172.5	75.9	130.2	130.2	0.5	460.4	460.4	0.1	14.0	227.9	227.9 92.
69.8	217.7	20756.4	0.0	-170.0	-175.5	72.9	132.2	132.2	0.5	463.4	463.4	0.1	14.0	232.3	232.3 92.
70.8	220.7	21056.4	0.0	-173.0	-178.5	69.9	134.2	134.2	0.5	466.4	466.4	0.1	14.0	236.7	236.7 92.
71.8	223.7	21356.4	0.0	-176.0	-181.5	66.9	136.2	136.2	0.5	469.4	469.4	0.1	14.0	241.1	241.1 92.
72.8	226.7	21656.4	0.0	-179.0	-184.5	63.9	138.2	138.2	0.5	472.4	472.4	0.1	14.0	245.5	245.5 92.
73.8	229.7	21956.4	0.0	-182.0	-187.5	60.9	140.2	140.2	0.5	475.4	475.4	0.1	14.0	249.9	249

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STATION NO. 247  
LONGVIEW, TEXAS

27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG	151	15.0
0.0	6.3	124.0	1009.6	5.0	3.8	70.0	2.8	-2.4	-0.9	277.4	290.0	5.0	92.0	0.0	0.0	0.0	0.0
0.2	7.1	202.0	1000.6	4.5	3.3	53.6	5.1	-4.1	-3.0	277.6	290.0	4.9	92.2	0.1	259.	0.1	259.
1.0	9.3	407.8	975.0	2.6	2.1	57.3	6.3	-5.3	-3.4	277.7	289.4	4.6	96.5	0.3	245.	0.3	245.
1.7	11.5	617.5	950.0	0.9	0.4	68.3	9.7	-9.0	-3.6	278.2	288.8	4.2	98.2	0.6	243.	1.1	248.
2.5	13.8	831.5	925.0	-0.5	-2.8	81.1	14.3	-14.1	-2.2	278.9	287.7	3.4	84.4	1.1	248.	1.8	258.
3.2	16.1	1050.5	900.0	-0.9	-2.0	93.5	16.0	-15.9	1.0	280.6	290.2	3.7	92.5	1.8	258.	2.4	265.
3.9	18.5	1275.8	875.0	-0.5	-0.9	108.7	10.7	-10.2	3.4	283.3	294.1	4.1	97.5	2.4	265.	2.6	285.
4.6	20.8	1508.8	850.0	2.1	1.7	195.0	3.3	0.9	3.2	288.3	301.9	5.1	97.5	2.6	285.	2.4	284.
5.5	23.3	1750.9	825.0	3.1	2.8	277.7	5.8	5.6	-0.8	291.9	308.2	5.7	97.5	2.4	284.	2.1	281.
6.4	25.7	2000.4	800.0	2.2	1.6	286.6	7.7	7.4	-2.2	293.5	308.2	5.4	95.4	2.1	281.	1.7	251.
7.2	28.2	2256.5	775.0	1.5	0.3	291.2	8.4	7.8	-3.0	293.5	309.3	5.1	91.3	1.7	251.	1.7	251.
8.0	30.7	2521.0	750.0	0.1	-1.1	296.4	8.9	8.0	-3.9	296.7	309.8	4.7	91.6	1.5	224.	1.2	222.
9.0	33.3	2792.2	725.0	-1.5	-1.9	291.6	11.5	10.7	-4.2	297.8	310.7	4.6	97.4	1.2	222.	1.1	185.
9.9	36.0	3071.7	700.0	-1.8	-2.2	281.1	14.8	14.5	-3.0	300.5	314.6	4.4	97.3	1.1	185.	1.1	145.
10.8	38.7	3361.2	675.0	-3.0	-3.4	261.9	18.1	18.1	-0.3	302.3	314.8	4.4	97.1	1.5	145.	1.5	145.
11.8	41.5	3659.5	650.0	-4.8	-5.4	253.1	17.8	17.1	5.2	305.1	315.8	3.9	96.1	2.2	121.	2.2	121.
12.8	44.3	3967.4	625.0	-6.5	-8.8	245.8	18.3	16.7	5.2	305.1	315.8	3.7	97.4	3.1	107.	3.1	107.
13.8	47.2	4285.7	600.0	-8.0	-9.4	239.7	19.0	16.4	9.6	306.6	315.0	3.1	96.9	4.1	97.	4.1	97.
15.0	50.2	4614.2	575.0	-11.5	-12.1	234.5	20.9	17.0	12.2	307.3	314.5	2.6	95.3	5.1	88.	5.1	88.
15.9	53.3	4954.3	550.0	-14.2	-17.2	234.5	20.9	17.0	12.2	307.3	314.5	2.6	95.3	5.1	88.	5.1	88.
16.8	56.4	5303.9	525.0	-17.4	-20.0	231.6	23.6	18.5	14.7	307.3	313.3	2.0	81.2	8.1	88.	8.1	88.
18.0	59.8	5688.9	500.0	-18.5	-23.0	243.7	25.2	22.6	11.2	310.5	308.5	0.3	16.0	7.2	78.	7.2	78.
19.2	63.1	6051.1	475.0	-18.8	-38.5	261.4	29.2	28.9	11.2	314.8	315.7	0.3	16.0	8.8	78.	8.8	78.
20.5	66.6	6452.9	450.0	-20.6	-40.1	264.7	32.2	32.0	3.0	317.3	318.2	0.3	15.5	10.8	76.	10.8	76.
21.9	70.3	6873.8	425.0	-23.6	-45.0	265.6	33.2	33.1	2.7	318.6	319.5	0.2	15.4	13.2	76.	13.2	76.
23.3	74.0	7313.8	400.0	-26.6	-48.1	265.6	34.9	34.8	2.7	320.4	321.0	0.2	15.4	15.8	78.	15.8	78.
24.7	78.0	7776.8	375.0	-30.3	-50.8	267.6	35.0	34.9	1.5	321.5	322.0	0.1	15.6	18.7	79.	18.7	79.
26.3	82.0	8265.5	350.0	-32.5	-52.7	268.5	36.5	36.5	0.6	324.3	325.3	0.1	15.6	21.6	80.	21.6	80.
28.0	86.4	8784.0	325.0	-36.0	-57.7	269.1	40.7	40.7	0.6	327.1	327.4	0.1	15.9	25.7	82.	25.7	82.
29.7	90.8	9335.2	300.0	-40.4	-59.9	273.7	47.4	47.3	-3.1	328.4	327.4	0.1	15.9	28.7	82.	28.7	82.
31.7	95.6	9922.9	275.0	-44.8	-59.9	273.7	55.8	55.8	-1.0	330.3	327.4	0.1	15.9	33.3	85.	33.3	85.
33.7	100.8	10553.7	250.0	-49.6	-59.9	270.8	54.3	54.3	-0.7	332.3	327.4	0.1	15.9	38.4	85.	38.4	85.
35.7	106.0	11235.9	225.0	-54.1	-59.9	274.8	55.8	55.8	-4.6	335.6	327.4	0.1	15.9	46.7	88.	46.7	88.
38.0	111.6	11987.2	200.0	-55.5	-59.9	276.2	56.8	56.8	-6.1	344.9	327.4	0.1	15.9	52.4	88.	52.4	88.
40.7	117.7	12840.5	175.0	-57.1	-59.9	275.6	48.6	48.6	-4.7	359.1	327.4	0.1	15.9	60.4	88.	60.4	88.
42.7	124.0	13818.9	150.0	-57.1	-59.9	281.4	42.3	41.5	-8.3	371.8	327.4	0.1	15.9	68.7	88.	68.7	88.
47.2	131.0	14966.1	125.0	-56.8	-59.9	284.4	43.1	41.5	-10.7	388.6	327.4	0.1	15.9	76.6	88.	76.6	88.
51.2	138.3	16355.6	100.0	-61.2	-59.9	297.3	18.8	18.5	-8.5	409.5	327.4	0.1	15.9	86.1	91.	86.1	91.
56.6	148.3	18131.5	75.0	-64.0	-59.9	297.7	13.5	12.0	-6.3	438.7	327.4	0.1	15.9	92.8	93.	92.8	93.
63.4	154.3	20850.2	50.0	-58.8	-59.9	319.8	9.9	8.4	-7.6	505.1	327.4	0.1	15.9	101.3	94.	101.3	94.
74.6	163.0	25085.6	25.0	-50.7	-59.9	257.5	5.3	5.1	1.1	638.8	327.4	0.1	15.9	104.0	94.	104.0	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
28 MARCH 1982  
200 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.7	124.0	1010.0	4.4	1.9	50.0	2.6	-2.0	-1.7	276.8	287.9	4.4	84.0	0.0	0.
0.3	8.8	205.2	1000.0	4.4	1.9	69.6	6.2	-5.9	-2.2	277.6	288.8	4.4	83.4	0.2	226.
1.0	9.5	411.1	975.0	3.3	-1.3	75.4	8.3	-8.0	-2.1	278.5	288.8	3.6	81.5	0.3	240.
1.7	12.2	621.7	950.0	2.8	-3.8	78.2	12.3	-13.1	-2.5	280.0	288.0	3.0	81.8	0.8	251.
2.5	15.0	836.9	925.0	1.0	-5.2	77.3	14.2	-13.9	-3.1	280.4	287.9	2.8	83.2	1.4	254.
3.3	17.8	1056.8	900.0	-0.7	-8.1	85.5	15.4	-15.3	-1.2	280.8	287.9	2.7	83.2	2.2	258.
4.2	20.6	1282.0	875.0	0.3	-8.1	95.8	9.8	-9.9	1.0	284.1	294.4	3.9	88.6	2.9	260.
5.0	23.3	1515.4	850.0	1.4	1.4	45.8	2.8	-2.0	-2.0	287.6	300.9	5.0	98.8	3.1	261.
5.8	26.1	1756.7	825.0	3.0	2.7	311.8	2.3	1.7	-1.5	291.7	308.9	5.7	98.2	3.1	259.
6.7	28.9	2006.0	800.0	2.3	0.3	287.1	3.4	3.2	-1.0	293.7	307.0	4.9	89.5	3.0	258.
7.5	31.8	2262.6	775.0	1.4	-0.2	278.0	4.9	4.8	-0.7	295.3	308.7	4.9	89.5	2.8	256.
8.4	34.6	2525.2	750.0	0.2	-0.4	274.4	7.2	7.2	-0.6	296.8	310.9	5.1	98.4	2.5	254.
9.3	37.5	2798.5	725.0	-0.1	-0.4	268.4	9.2	9.2	0.2	299.4	313.7	5.1	97.7	2.1	250.
10.2	40.4	3079.3	700.0	-1.6	-5.9	269.7	8.9	8.9	0.0	300.7	310.8	3.5	72.4	1.6	244.
11.2	43.4	3367.8	675.0	-4.1	-7.5	279.6	8.1	8.0	-1.4	301.1	310.4	3.2	77.1	1.2	233.
12.2	46.4	3664.4	650.0	-6.6	-7.1	289.1	9.4	8.9	-3.1	301.5	311.5	3.5	96.4	1.0	210.
13.3	49.5	3970.1	625.0	-8.3	-12.5	282.8	12.6	12.3	-2.8	302.9	310.0	2.4	72.8	1.1	176.
14.4	52.6	4286.6	600.0	-9.0	-27.8	269.3	12.9	12.9	0.2	305.7	307.7	0.6	20.0	1.8	137.
15.4	55.8	4614.8	575.0	-10.9	-31.0	267.9	11.3	11.3	0.4	307.2	306.9	0.5	17.2	2.1	121.
16.6	59.0	4954.8	550.0	-13.0	-32.9	284.9	12.1	11.7	-3.1	308.6	310.1	0.4	17.0	2.8	114.
17.9	62.3	5309.3	525.0	-13.6	-32.9	295.3	15.0	13.6	-6.4	312.1	313.6	0.4	17.6	3.9	114.
19.1	65.5	5678.8	500.0	-16.1	-35.5	291.1	17.7	15.5	-6.4	313.4	314.7	0.3	15.5	5.1	114.
20.3	68.9	6062.4	475.0	-19.3	-38.4	282.9	21.2	20.6	-4.7	314.1	315.1	0.3	15.5	6.5	112.
21.8	72.4	6464.1	450.0	-20.0	-39.7	274.1	26.8	26.7	-1.9	318.1	319.0	0.3	15.3	8.5	108.
23.1	75.9	6885.4	425.0	-22.9	-43.0	274.7	29.4	29.3	-2.4	319.7	320.5	0.2	15.4	10.8	106.
24.7	79.6	7327.7	400.0	-25.5	-47.1	275.4	32.5	32.3	-3.0	321.9	322.5	0.2	15.4	13.7	103.
26.2	83.3	7792.5	375.0	-29.1	-47.1	274.9	32.3	32.2	-2.8	323.0	323.6	0.1	15.5	16.6	102.
27.9	87.2	8281.9	350.0	-32.6	-53.7	273.1	36.6	36.6	-2.0	324.3	325.2	0.1	15.7	19.9	101.
29.5	91.3	8799.2	325.0	-37.2	-53.7	275.6	44.6	44.4	-4.4	325.4	325.7	0.1	15.8	23.8	100.
31.2	95.5	9347.2	300.0	-41.8	-59.9	271.4	48.7	48.7	-1.2	327.0	327.9	99.9	99.9	26.7	99.
31.0	99.8	9932.5	275.0	-45.8	-59.9	271.4	51.3	51.3	-1.3	328.9	329.9	99.9	99.9	34.0	97.
34.9	104.4	10560.8	250.0	-50.4	-59.9	274.9	57.0	56.8	-4.8	331.2	331.2	99.9	99.9	40.0	97.
36.9	109.2	11239.4	225.0	-55.6	-59.9	274.6	56.8	56.6	-4.6	333.3	333.3	99.9	99.9	47.2	97.
39.4	114.4	11985.0	200.0	-58.7	-59.9	275.2	52.2	51.9	-4.7	342.9	342.9	99.9	99.9	54.8	96.
42.0	119.8	12832.9	175.0	-58.6	-59.9	275.9	47.1	46.8	-4.8	356.4	356.4	99.9	99.9	63.1	96.
45.0	125.8	13806.5	150.0	-58.4	-59.9	279.1	44.2	43.7	-7.0	369.4	369.4	99.9	99.9	70.8	95.
48.3	132.3	14942.9	125.0	-60.2	-59.9	281.7	34.6	33.8	-5.5	409.5	409.5	99.9	99.9	79.3	96.
52.1	139.7	16326.8	100.0	-61.2	-59.9	282.5	24.4	23.8	-5.5	435.2	435.2	99.9	99.9	85.4	97.
57.2	147.7	18088.8	75.0	-65.7	-59.9	289.3	17.1	16.1	-2.1	502.6	502.6	99.9	99.9	91.4	98.
64.3	157.0	20589.8	50.0	-69.7	-59.9	287.7	7.0	6.7	-2.1	502.6	502.6	99.9	99.9	96.1	98.
75.3	186.5	24987.1	25.0	-72.5	-59.9	999.5	99.9	99.9	99.9	503.9	503.9	99.9	99.9	97.2	99.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
28 MARCH 1982  
500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	124.0	1011.5	4.4	0.8	999.9	99.9	99.9	99.9	276.7	286.7	3.9	76.0	0.0	0.0
0.4	6.3	217.5	1000.0	5.3	0.4	999.9	99.9	99.9	99.9	278.4	288.1	3.7	66.9	0.0	999.0
1.1	8.5	424.4	975.0	5.0	-3.7	74.3	11.4	-10.9	-3.1	280.2	288.1	3.0	53.4	0.6	245.0
1.8	10.7	835.7	950.0	3.5	-4.6	78.8	12.4	-12.2	-2.4	280.7	288.3	2.9	55.2	1.1	251.0
2.6	13.0	851.4	925.0	1.5	-5.4	83.6	12.7	-12.7	-1.0	280.9	288.3	2.8	60.1	1.6	254.0
3.4	15.3	1071.6	900.0	0.0	-7.0	94.7	12.8	-12.6	1.0	281.5	288.3	2.5	59.3	2.3	258.0
4.2	17.6	1297.5	875.0	0.6	-2.2	104.6	9.2	-8.9	2.3	284.4	294.4	3.8	81.8	2.8	263.0
5.0	20.0	1530.5	850.0	0.7	0.4	172.9	3.2	-3.0	-0.9	286.9	299.2	4.6	97.7	3.0	265.0
5.8	22.5	1771.5	825.0	2.4	1.7	308.9	2.5	1.9	-1.8	291.1	305.2	5.3	95.5	3.1	264.0
6.7	24.9	2020.4	800.0	1.8	1.1	255.9	4.5	4.3	1.1	293.0	307.1	5.2	95.4	2.9	263.0
7.5	27.4	2276.6	775.0	1.3	0.9	253.3	5.0	4.7	1.4	295.2	309.6	5.3	97.2	2.8	265.0
8.5	29.8	2540.5	750.0	0.1	-0.3	258.2	5.8	6.6	1.4	296.7	310.6	5.0	97.0	2.3	265.0
9.5	32.6	2812.1	725.0	-1.2	-1.7	264.2	7.4	7.1	0.7	298.1	311.2	4.7	96.8	1.9	265.0
10.6	35.2	3091.7	700.0	-2.6	-3.9	285.0	7.3	8.0	-1.9	299.7	311.3	4.1	90.8	1.4	265.0
11.6	37.9	3379.9	675.0	-4.1	-6.8	293.0	8.7	8.0	-3.4	301.1	310.9	3.4	81.6	1.0	253.0
12.5	40.7	3677.2	650.0	-5.1	-21.9	287.0	8.4	8.0	-2.5	303.2	306.7	1.2	28.7	0.7	225.0
13.6	43.6	3984.5	625.0	-6.6	-25.8	274.7	11.7	11.7	-1.0	304.9	307.3	0.7	20.0	0.6	173.0
14.8	46.5	4302.2	600.0	-8.8	-22.4	262.2	13.1	12.9	-1.8	306.0	309.3	1.1	22.2	1.2	114.0
16.0	49.5	4630.9	575.0	-10.1	-28.6	275.0	11.8	11.7	-1.0	308.2	310.0	0.6	16.4	2.0	104.0
17.3	52.5	4973.1	550.0	-12.5	-28.2	278.7	12.5	12.4	-1.9	309.3	311.5	0.7	25.4	2.3	102.0
18.8	55.7	5326.4	525.0	-13.9	-30.2	284.8	13.7	13.2	-3.5	311.7	313.6	0.6	23.6	2.9	102.0
19.9	59.0	5694.6	500.0	-17.1	-35.7	285.6	14.5	13.9	-3.9	313.2	314.0	0.4	17.9	5.0	103.0
21.3	62.4	6077.2	475.0	-20.1	-39.4	282.3	14.3	14.0	-3.1	313.1	315.3	0.3	16.0	6.2	102.0
22.7	65.9	6475.7	450.0	-22.8	-41.9	274.2	18.5	18.5	-1.3	314.6	318.0	0.2	15.4	7.6	100.0
24.4	69.4	6893.5	425.0	-24.7	-43.8	271.1	24.2	24.2	-0.5	317.3	319.4	0.2	14.9	9.7	98.0
26.1	73.1	7332.0	400.0	-27.8	-46.4	269.7	26.2	26.2	0.1	318.9	319.4	0.1	15.1	12.2	97.0
27.7	77.0	7792.6	375.0	-31.2	-49.1	270.5	28.6	28.6	-0.2	320.3	320.7	0.1	15.2	14.9	95.0
29.4	81.0	8278.4	350.0	-34.4	-51.7	269.5	30.8	30.7	0.3	322.4	322.7	0.1	15.7	17.9	95.0
31.3	85.2	8793.2	325.0	-38.0	-54.5	273.0	35.4	35.4	-1.9	324.3	324.5	0.1	99.9	21.5	95.0
33.2	89.7	9339.7	300.0	-42.1	-59.9	273.8	41.7	41.6	-2.7	326.1	326.1	99.9	99.9	25.9	95.0
35.3	94.4	9949.1	275.0	-46.5	-59.3	272.3	46.0	45.9	-1.9	327.9	327.9	99.9	99.9	31.5	94.0
37.5	99.4	10549.1	250.0	-51.5	-59.9	273.5	52.2	52.1	-3.2	329.6	329.6	99.9	99.9	37.9	94.0
39.9	104.5	11225.3	225.0	-58.1	-59.9	271.9	49.1	49.1	-1.6	333.6	333.6	99.9	99.9	45.7	94.0
42.6	110.3	11973.3	200.0	-55.4	-59.9	271.7	44.9	44.9	-1.3	345.1	345.1	99.9	99.9	53.1	94.0
45.6	116.5	12826.2	175.0	-55.0	-59.9	272.6	40.8	40.7	-0.2	359.1	359.1	99.9	99.9	60.5	93.0
48.7	123.7	13805.8	150.0	-58.6	-59.9	270.4	33.6	33.6	-0.9	372.5	372.5	99.9	99.9	67.2	93.0
52.5	129.7	14951.1	125.0	-58.9	-59.9	277.1	31.7	31.5	-2.0	388.3	388.3	99.9	99.9	75.2	93.0
56.8	137.0	16335.0	100.0	-61.8	-59.9	274.9	23.5	23.4	-3.9	408.4	408.4	99.9	99.9	81.5	93.0
62.1	144.7	18092.8	75.0	-67.1	-59.9	271.8	13.4	12.4	-5.0	432.2	432.2	99.9	99.9	87.5	94.0
69.9	153.0	20586.4	50.0	-60.2	-59.9	262.0	5.6	5.5	0.8	501.7	501.7	99.9	99.9	90.5	95.0
83.5	161.7	25003.5	25.0	-52.1	-59.9	204.3	5.0	2.1	4.8	635.4	635.4	99.9	99.9	91.3	93.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247 LONGVIEW, TEXAS														
28 MARCH 1982														
161 15. 1														
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES														
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM
0.0	6.3	124.0	1010.4	5.0	2.5	20.0	3.1	-1.1	-2.9	277.3	288.9	4.6	84.0	0.0
0.4	7.3	208.6	1000.0	5.1	-1.8	999.9	99.9	99.9	99.9	287.0	287.0	4.6	61.3	999.9
1.1	9.5	415.1	975.0	4.4	-3.8	999.9	99.9	99.9	99.9	287.4	287.4	3.0	55.3	999.9
1.8	11.7	626.4	950.0	3.9	-5.5	999.9	99.9	99.9	99.9	288.2	288.2	2.7	50.1	999.9
2.6	14.1	842.7	925.0	2.7	-8.1	104.9	10.5	-10.2	2.7	282.1	288.2	1.2	44.6	1.5 258.
3.5	16.4	1064.0	900.0	1.3	-10.4	114.8	11.9	-10.6	5.0	282.9	288.2	1.3	41.2	2.0 278.
4.2	18.7	1290.2	875.0	0.4	-9.2	119.2	8.5	-7.4	4.1	284.2	290.3	1.3	48.6	2.5 274.
5.0	21.1	1523.8	850.0	0.6	-0.1	202.3	2.6	1.0	2.4	286.8	298.7	4.5	95.0	2.8 277.
5.9	23.5	1763.8	825.0	2.2	1.8	305.9	2.9	2.4	-1.7	290.9	305.1	5.3	97.3	2.7 275.
6.7	26.0	2012.1	800.0	0.6	0.2	307.8	3.9	3.1	-2.4	291.8	305.0	4.9	97.1	2.5 273.
7.6	28.5	2267.1	775.0	0.4	-2.3	291.4	4.5	4.2	-1.7	294.2	305.7	4.2	92.4	2.3 270.
8.5	31.1	2529.8	750.0	-1.0	-3.6	265.4	5.1	5.1	0.4	295.5	308.3	3.9	82.4	2.1 270.
9.5	33.7	2800.3	725.0	-1.7	-5.3	262.4	5.7	5.7	0.8	297.6	307.6	3.6	76.9	1.8 272.
10.4	36.3	3079.5	700.0	-2.2	-15.0	281.4	6.9	6.7	-1.4	300.1	305.2	1.7	36.6	1.4 272.
11.5	39.0	3367.8	675.0	-3.5	-12.3	300.4	11.5	9.9	-5.8	301.7	308.3	2.2	50.5	1.0 262.
12.6	41.9	3665.8	650.0	-4.1	-22.0	278.4	9.7	9.6	-1.4	304.3	307.5	1.0	23.3	0.6 212.
13.7	44.7	3974.0	625.0	-5.7	-22.1	275.3	11.6	11.6	-1.1	305.9	309.2	1.0	28.1	0.7 144.
14.9	47.6	4292.8	600.0	-7.6	-23.0	277.6	12.4	12.2	-1.6	307.3	310.5	1.0	27.6	1.5 116.
16.1	50.6	4623.1	575.0	-9.3	-27.1	278.2	12.4	12.3	-1.8	309.1	311.4	0.7	21.8	2.3 110.
17.4	53.8	4964.6	550.0	-12.6	-32.5	278.3	16.9	16.8	-2.2	309.1	311.1	0.6	22.7	3.4 108.
18.6	56.9	5317.9	525.0	-15.1	-38.1	277.3	17.2	17.1	-2.4	311.5	312.7	0.3	20.0	4.7 103.
20.0	60.1	5884.9	500.0	-17.6	-38.7	278.7	15.7	15.5	-2.4	311.5	312.7	0.3	18.1	6.0 102.
21.3	63.6	6066.3	475.0	-20.9	-41.0	279.0	17.9	17.7	-4.0	312.2	313.1	0.2	18.2	7.3 101.
22.6	67.1	6463.6	450.0	-26.4	-43.5	281.2	20.6	20.2	-4.6	313.8	314.5	0.2	18.0	8.8 101.
24.1	70.8	6879.6	425.0	-28.5	-48.0	282.0	22.2	21.7	-3.7	315.9	315.9	0.2	17.9	10.8 101.
25.7	74.6	7314.7	400.0	-30.1	-49.6	278.3	25.5	25.3	-1.9	315.9	316.4	0.2	19.4	12.9 101.
27.3	78.5	7770.5	375.0	-33.8	-52.6	274.6	24.5	24.4	-1.5	318.9	317.3	0.1	18.3	15.6 100.
28.9	82.7	8250.3	350.0	-37.6	-52.6	273.3	25.5	25.5	-1.5	318.0	318.3	0.1	18.9	17.8 100.
30.7	87.0	8757.5	325.0	-41.2	-59.9	273.1	27.6	27.6	-1.5	319.9	319.9	99.9	99.9	20.7 99.
32.6	91.6	9298.1	300.0	-46.1	-59.9	271.9	31.2	31.1	-1.0	320.4	319.9	99.9	99.9	24.0 98.
34.7	96.4	9870.3	275.0	-49.2	-59.9	272.4	35.8	35.8	-1.5	324.0	319.9	99.9	99.9	28.0 97.
37.0	101.4	10493.1	250.0	-51.4	-59.9	274.4	43.7	43.6	-3.4	329.6	319.9	99.9	99.9	33.7 96.
39.4	106.8	11172.0	225.0	-54.2	-59.9	272.8	39.5	39.4	-1.9	335.4	319.9	99.9	99.9	39.7 96.
42.3	112.5	11928.4	200.0	-53.6	-59.9	274.4	37.3	37.2	-2.9	347.9	319.9	99.9	99.9	46.1 96.
45.4	118.5	12785.5	175.0	-54.3	-59.9	276.2	34.3	34.1	-3.7	360.3	319.9	99.9	99.9	52.8 95.
48.9	125.0	13770.1	150.0	-56.2	-59.9	270.1	30.8	30.8	-0.1	373.3	319.9	99.9	99.9	59.9 95.
52.8	131.7	14922.9	125.0	-58.2	-59.9	277.4	29.1	28.8	-3.8	389.5	319.9	99.9	99.9	67.2 95.
57.5	139.0	16307.6	100.0	-61.7	-59.9	275.5	26.9	26.8	-2.6	408.6	319.9	99.9	99.9	74.8 95.
63.4	146.7	18083.9	75.0	-62.2	-59.9	279.5	12.0	11.8	-2.0	442.6	319.9	99.9	99.9	81.5 96.
71.3	154.7	20581.1	50.0	-59.7	-59.9	280.8	5.4	5.3	-1.0	502.5	319.9	99.9	99.9	84.8 96.
83.7	162.7	25014.3	25.0	-52.1	-59.9	156.2	5.4	-2.2	4.9	635.3	319.9	99.9	99.9	87.5 96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS

27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	33.0	1010.7	13.0	9.1	60.0	6.2	-5.4	-3.1	285.3	303.8	7.2	77.0	0.0	0.
0.3	8.5	122.6	1000.0	12.7	9.1	999.9	99.9	99.9	99.9	285.6	304.6	7.3	78.8	999.9	999.9
1.1	9.1	335.3	975.0	12.2	9.5	999.9	99.9	99.9	99.9	287.5	307.4	7.7	83.5	999.9	999.9
1.9	11.7	553.6	950.0	11.8	11.1	999.9	99.9	99.9	99.9	289.1	311.8	8.8	95.5	999.9	999.9
2.8	14.3	776.9	925.0	11.0	10.7	999.9	99.9	99.9	99.9	290.6	313.4	8.8	97.7	1.9	270.
3.6	16.9	1006.7	900.0	12.0	11.7	149.8	12.0	-6.0	12.3	293.9	319.3	9.2	97.8	2.3	280.
4.5	19.6	1242.9	875.0	10.8	10.5	172.1	12.4	-1.7	12.3	295.0	319.3	9.2	97.7	2.7	280.
5.3	22.3	1485.0	850.0	10.0	9.7	178.9	14.0	-0.3	14.0	296.7	320.5	8.9	97.6	3.0	304.
6.2	25.0	1733.2	825.0	8.5	8.1	191.8	14.7	3.0	14.4	297.6	320.5	8.3	97.4	3.5	315.
7.3	27.8	1988.2	800.0	7.6	7.0	203.0	16.1	6.3	14.8	299.3	320.5	7.9	98.2	4.0	326.
8.5	30.4	2250.2	775.0	6.9	6.3	218.3	16.6	10.3	13.0	301.3	322.7	7.4	98.0	4.7	341.
9.6	33.2	2520.0	750.0	5.8	5.2	227.7	15.9	11.8	10.7	302.8	323.5	7.4	98.8	5.3	352.
10.7	36.0	2797.5	725.0	4.9	4.4	234.3	14.2	11.5	8.3	304.8	322.3	6.2	98.0	5.8	360.
11.8	38.8	3084.3	700.0	5.1	-4.8	249.4	17.4	15.2	6.1	308.2	319.4	3.8	98.7	6.4	360.
13.0	41.7	3381.3	675.0	4.8	-8.8	263.2	21.4	22.7	2.5	312.0	319.8	2.9	98.4	7.0	18.
14.0	44.5	3688.1	650.0	2.8	-7.2	269.8	22.7	22.7	0.1	312.6	322.5	3.4	98.4	7.8	28.
15.3	47.5	4004.2	625.0	0.2	-8.0	270.3	23.1	23.1	-0.1	313.1	324.4	3.9	98.5	8.5	39.
16.5	50.5	4330.1	600.0	-4.7	-5.1	270.8	25.0	25.0	1.0	313.1	326.2	4.4	98.5	9.7	47.
17.9	53.6	4666.9	575.0	-7.0	-5.4	270.8	27.2	27.2	-0.3	314.5	327.6	4.5	94.8	11.5	54.
19.3	56.6	5015.8	550.0	-9.6	-7.0	275.8	29.0	29.0	-2.9	315.7	327.6	3.9	94.8	13.4	61.
20.7	59.8	5377.5	525.0	-10.4	-10.4	275.8	31.1	30.8	-3.7	317.0	327.1	2.9	93.5	15.4	66.
21.9	63.0	5754.3	500.0	-11.8	-12.7	278.8	34.8	34.1	-5.3	318.7	327.7	2.9	92.9	17.5	70.
23.5	66.4	6146.8	475.0	-13.4	-14.4	279.8	38.6	38.1	-6.6	321.4	329.8	2.6	92.4	20.7	75.
25.3	69.7	6556.8	450.0	-15.7	-17.8	281.5	39.9	39.1	-7.9	323.6	330.3	2.1	92.6	24.5	79.
26.9	73.1	6986.4	425.0	-18.0	-22.0	283.6	39.6	38.5	-9.3	325.9	331.0	1.5	93.6	28.1	83.
28.8	76.7	7437.3	400.0	-21.0	-27.9	284.8	40.3	39.4	-8.5	327.7	331.0	1.0	93.9	32.3	85.
31.0	80.4	7910.9	375.0	-24.5	-32.4	284.8	37.9	36.6	-9.7	329.2	331.5	0.7	94.1	37.4	88.
33.2	84.2	8409.9	350.0	-28.2	-36.6	284.1	40.1	38.8	-9.7	330.7	332.4	0.5	94.1	42.1	90.
35.4	88.2	8936.9	325.0	-32.5	-43.4	281.6	42.4	41.5	-8.7	331.9	332.9	0.3	93.1	47.5	91.
37.6	92.2	9495.2	300.0	-37.4	-43.4	283.2	40.5	39.5	-9.2	332.6	333.6	0.2	92.3	53.0	92.
40.0	96.5	10089.3	275.0	-42.3	-43.4	286.0	38.8	37.3	-10.7	333.9	333.9	99.9	99.9	58.4	93.
42.7	101.0	10728.0	250.0	-47.6	-47.6	286.1	43.7	42.0	-12.1	335.3	335.3	99.9	99.9	64.9	95.
45.4	105.8	11412.1	225.0	-54.2	-54.2	293.2	51.1	49.5	-15.9	335.5	335.5	99.9	99.9	71.7	96.
48.6	110.8	12155.8	200.0	-61.4	-61.4	293.3	52.6	48.1	-21.3	335.6	335.6	99.9	99.9	80.1	98.
51.8	116.0	12976.5	175.0	-64.4	-64.4	293.9	52.6	48.1	-21.3	343.7	343.7	99.9	99.9	89.4	100.
55.3	122.0	13910.1	150.0	-67.9	-67.9	295.6	40.4	38.4	-17.5	353.2	353.2	99.9	99.9	99.2	102.
59.1	128.3	15011.8	125.0	-65.2	-65.2	285.4	36.6	35.3	-8.7	376.9	376.9	99.9	99.9	108.0	102.
63.8	135.7	16370.9	100.0	-67.9	-67.9	285.4	30.5	29.3	-8.4	396.5	396.5	99.9	99.9	117.2	102.
68.3	143.7	18093.6	75.0	-68.2	-68.2	284.8	17.4	17.3	-0.1	429.9	429.9	99.9	99.9	126.0	103.
70.2	153.0	20557.7	50.0	-61.9	-61.9	270.7	8.9	8.9	-0.1	497.7	497.7	99.9	99.9	131.4	103.
79.1	162.5	24945.3	25.0	-54.1	-54.1	270.7	99.9	99.9	99.9	629.3	629.3	99.9	99.9	134.1	103.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS

27 MARCH 1982  
1415 GMT

TIME MIN	ONTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	6.0	23.0	1012.4	8.9	8.5	50.0	8.8	-5.7	-5.7	281.1	298.5	8.9	97.0	0.0	0.0
0.5	7.3	125.2	1000.0	8.3	7.2	53.7	11.2	-9.1	-9.1	281.5	297.7	6.4	92.5	0.3	229
1.3	9.9	244.2	975.0	7.0	6.5	58.3	14.3	-13.1	-13.1	282.2	298.1	6.2	98.4	0.3	234
2.8	12.4	558.8	950.0	9.3	8.7	68.3	16.9	-16.9	-16.9	280.7	306.0	7.5	98.1	1.6	245
3.7	15.1	781.7	925.0	11.8	11.0	119.1	14.5	-12.7	-12.7	291.2	314.5	9.0	95.9	2.3	258
4.8	17.7	1012.5	900.0	13.2	12.3	150.6	11.8	-5.8	-5.8	295.1	321.8	10.1	94.7	2.7	270
5.4	20.4	1250.0	875.0	12.8	11.8	174.3	12.1	-1.2	-1.2	298.5	323.5	10.0	95.2	2.9	282
6.2	23.1	1493.0	850.0	11.8	11.0	192.0	13.6	2.8	12.3	300.3	324.7	9.9	95.1	3.1	294
7.2	25.8	1743.9	825.0	11.1	10.3	203.5	15.0	6.0	14.0	301.5	325.3	9.0	95.1	3.2	306
8.2	28.5	2000.9	800.0	9.7	9.0	209.4	18.1	7.9	14.0	302.8	326.1	8.8	95.1	3.4	321
9.0	31.2	2284.7	775.0	8.4	7.8	210.7	17.8	9.1	15.3	303.0	326.9	7.8	95.7	3.9	335
9.8	34.0	2535.6	750.0	6.8	6.1	214.4	19.2	10.3	15.0	305.7	328.9	7.8	95.5	4.5	344
10.8	36.8	2814.4	725.0	5.7	5.0	227.2	17.1	12.5	11.8	305.7	328.9	7.8	95.5	5.0	352
11.7	39.7	3101.1	700.0	3.7	3.2	250.2	16.7	15.7	5.6	308.2	323.7	6.0	70.8	5.8	11
12.7	42.6	3398.3	675.0	2.3	2.5	263.1	17.9	17.7	2.1	309.7	321.9	4.9	79.7	6.2	21
13.7	45.6	3700.7	650.0	0.8	-2.5	262.6	19.4	19.2	2.5	312.2	327.9	5.4	89.2	8.3	30
14.8	48.5	4015.5	625.0	-0.2	-1.8	261.5	22.2	21.9	3.2	312.9	327.1	4.8	92.9	7.9	39
15.8	51.5	4341.7	600.0	-2.8	-3.8	260.8	24.7	24.0	4.0	314.2	327.3	4.4	94.4	9.5	47
16.8	54.6	4678.1	575.0	-4.9	-5.7	260.8	25.3	25.0	2.8	317.0	329.2	4.2	94.5	11.1	53
17.4	57.8	5027.7	550.0	-6.0	-6.7	263.7	27.8	25.5	0.2	318.7	329.8	3.7	94.0	12.0	58
18.8	60.9	5391.1	525.0	-8.1	-8.9	269.6	27.8	27.8	0.2	320.3	330.1	3.2	93.9	15.0	68
20.2	64.1	5758.9	500.0	-10.4	-11.2	275.1	26.8	28.7	-2.6	322.0	330.4	3.2	93.9	15.0	68
21.6	67.5	6182.8	475.0	-12.9	-14.0	277.0	31.2	31.5	-3.9	322.0	330.7	2.7	91.7	17.2	72
23.1	70.9	6573.5	450.0	-15.0	-16.4	278.4	37.4	37.0	-5.5	324.4	331.9	2.4	89.0	20.0	72
24.7	74.4	7004.3	425.0	-17.4	-19.0	279.7	37.4	39.9	-6.3	326.7	333.2	2.0	87.0	22.2	78
26.3	78.0	7458.2	400.0	-20.2	-22.2	278.1	40.3	39.9	-5.7	328.8	334.2	1.8	83.9	26.7	79
27.9	81.7	7931.6	375.0	-23.3	-25.4	278.0	41.7	41.3	-5.8	330.2	334.7	1.2	83.9	30.6	82
28.8	85.5	8433.1	350.0	-27.0	-28.6	276.8	40.5	40.2	-4.8	332.7	335.2	0.8	71.8	34.8	84
31.6	89.5	9082.8	325.0	-31.5	-35.9	276.9	38.9	38.7	-4.1	332.7	335.2	0.5	54.6	39.1	85
33.4	93.6	9524.3	300.0	-36.2	-41.5	276.7	43.8	43.5	-5.1	334.3	335.6	0.2	57.6	43.7	85
35.4	97.8	10122.1	275.0	-40.7	-45.8	282.8	44.8	43.5	-9.3	336.2	335.6	99.9	99.9	48.3	88
37.6	102.4	10783.1	250.0	-46.3	99.9	288.7	49.8	47.2	-15.9	338.2	339.9	99.9	99.9	54.3	90
39.8	107.2	11454.1	225.0	-52.2	99.9	293.6	52.8	48.4	-21.1	338.5	339.9	99.9	99.9	60.3	92
42.0	112.2	12055.6	200.0	-58.4	99.9	295.3	55.7	50.4	-23.8	340.4	339.9	99.9	99.9	67.8	94
44.8	117.6	13038.2	175.0	-82.0	99.9	294.0	50.4	48.0	-20.5	347.6	339.9	99.9	99.9	76.0	97
47.4	123.0	13988.9	150.0	-82.5	99.9	291.9	44.5	41.3	-15.6	352.4	339.9	99.9	99.9	82.4	98
50.7	130.0	15109.8	125.0	-85.7	99.9	279.9	25.2	34.7	-8.0	352.4	339.9	99.9	99.9	91.2	99
54.8	137.2	16485.4	100.0	-85.7	99.9	289.5	25.5	24.0	-8.5	400.9	339.9	99.9	99.9	92.0	99
59.3	145.3	18229.0	75.0	-84.4	99.9	291.6	18.3	17.0	-8.7	439.3	339.9	99.9	99.9	104.6	100
67.5	154.8	20742.5	50.0	-58.9	99.9	253.9	10.7	10.3	-3.0	505.2	339.9	99.9	99.9	108.0	101
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS

27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT - DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	33.0	1013.2	8.0	7.2	50.0	7.7	-5.9	-4.9	280.1	296.1	6.3	95.0	0.0	0.0
0.5	8.3	141.9	1000.0	7.8	6.8	54.4	11.2	-9.1	-8.5	281.0	296.6	6.2	95.0	0.3	235.0
1.2	8.7	349.9	975.0	6.4	5.7	68.1	14.1	-13.1	-5.2	281.6	296.6	5.9	95.2	0.8	237.0
2.0	11.2	563.8	950.0	8.0	7.2	96.0	15.5	-15.4	1.6	285.4	302.7	6.7	94.4	1.5	247.0
2.8	13.6	786.7	925.0	13.0	11.3	132.3	13.1	-9.7	8.8	292.6	316.8	9.2	89.8	2.1	263.0
3.7	16.2	1018.2	900.0	14.4	12.7	172.3	11.0	-1.5	10.3	296.4	323.8	10.4	89.6	2.3	276.0
4.5	18.7	1258.8	875.0	13.8	12.1	199.8	12.0	4.1	11.3	298.2	325.5	10.2	89.4	2.4	290.0
5.4	21.2	1501.4	850.0	12.8	11.1	207.5	11.9	5.5	10.6	299.6	326.2	9.9	89.5	2.4	305.0
6.1	23.8	1752.3	825.0	11.5	9.9	209.6	11.1	5.5	9.6	300.8	328.1	9.4	89.3	2.5	318.0
7.0	26.3	2010.0	800.0	10.8	9.3	217.0	10.6	6.4	8.5	302.7	328.0	9.2	90.3	2.7	330.0
8.0	29.0	2274.5	775.0	9.2	7.9	228.7	12.0	8.8	8.2	303.7	327.9	8.7	91.5	2.7	341.0
8.9	31.8	2548.3	750.0	7.4	6.4	242.6	12.4	11.1	5.7	304.6	327.1	8.1	93.1	3.2	353.0
10.0	34.2	2825.2	725.0	5.8	3.7	258.8	11.9	11.6	2.3	305.6	325.0	6.9	87.8	3.5	368.0
11.1	36.9	3112.0	700.0	4.0	1.3	268.9	12.2	12.2	0.2	306.9	324.1	6.0	82.8	3.7	381.0
12.2	39.7	3407.1	675.0	1.9	-2.1	270.1	13.7	16.6	-0.0	307.8	321.9	4.9	74.7	4.0	394.0
13.3	42.4	3711.4	650.0	0.4	-3.1	266.1	16.7	13.7	1.1	309.4	324.2	5.1	83.6	4.6	409.0
14.3	45.3	4025.7	625.0	-0.6	-5.1	264.4	21.2	21.1	2.0	313.6	324.2	4.8	71.6	5.5	428.0
15.4	48.1	4351.9	600.0	-2.1	-3.8	265.1	23.4	23.4	2.0	313.6	324.2	4.8	68.4	5.5	448.0
16.6	51.1	4688.7	575.0	-4.5	-7.7	272.3	22.6	22.6	-0.9	314.7	327.8	4.4	61.8	6.8	468.0
17.8	54.0	5037.9	550.0	-6.2	-9.3	277.0	22.2	22.0	-2.7	316.7	328.9	4.0	51.9	8.3	482.0
18.9	57.0	5401.0	525.0	-8.6	-11.9	276.7	24.6	24.5	-2.9	318.1	328.8	3.5	41.2	9.6	497.0
20.1	60.1	5779.0	500.0	-9.7	-13.9	278.3	31.6	31.3	-4.5	321.2	330.9	3.1	34.2	10.9	511.0
21.3	63.3	6173.3	475.0	-12.6	-16.0	279.2	35.4	35.0	-5.6	322.3	330.9	2.1	28.5	12.8	525.0
22.6	66.5	6584.4	450.0	-15.2	-18.1	277.9	37.1	36.7	-5.1	324.1	330.8	2.0	23.5	15.0	539.0
23.9	69.7	7014.7	425.0	-17.6	-19.3	276.4	38.4	38.2	-4.3	326.5	332.9	2.0	19.5	17.7	553.0
25.1	73.1	7467.0	400.0	-19.9	-21.7	274.2	39.2	39.1	-2.8	329.2	334.8	1.7	16.4	20.6	567.0
26.4	76.8	7943.5	375.0	-23.3	-26.0	274.5	39.2	39.1	-3.1	330.8	335.0	1.2	13.7	23.5	581.0
28.0	80.1	8444.2	350.0	-27.5	-30.5	277.1	43.3	43.0	-5.3	331.7	335.0	0.5	11.7	26.5	595.0
29.5	84.0	8973.4	325.0	-31.3	-34.8	278.7	43.5	43.0	-5.5	333.5	335.0	0.3	10.2	30.1	609.0
31.2	87.8	9535.5	300.0	-35.8	-40.5	281.9	43.8	42.9	-9.0	335.0	335.0	0.2	9.8	34.2	623.0
33.2	91.8	10134.6	275.0	-40.6	-44.5	284.4	44.0	42.6	-11.0	336.4	335.0	0.2	9.8	38.6	637.0
35.4	96.2	10776.2	250.0	-45.1	-49.9	285.0	49.7	48.0	-12.8	337.6	335.0	0.2	9.8	43.8	651.0
37.4	100.6	11467.5	225.0	-52.2	-56.9	286.5	49.8	46.8	-13.9	338.5	335.0	0.2	9.8	49.5	665.0
39.8	105.4	12219.1	200.0	-58.0	-62.7	287.0	50.6	48.4	-14.8	340.9	335.0	0.2	9.8	55.7	679.0
42.4	110.6	13053.1	175.0	-59.7	-64.5	288.5	48.7	46.7	-15.1	351.4	335.0	0.2	9.8	62.6	693.0
45.3	116.2	14009.6	150.0	-62.3	-68.0	289.5	45.2	42.6	-15.1	362.8	335.0	0.2	9.8	70.0	707.0
48.8	122.2	15131.0	125.0	-64.4	-70.0	289.0	36.0	25.6	-5.7	382.1	335.0	0.2	9.8	80.3	721.0
53.1	129.3	16502.3	100.0	-68.1	-75.5	285.1	17.5	16.2	-7.2	403.9	335.0	0.2	9.8	94.6	735.0
58.0	137.3	18250.9	75.0	-66.4	-72.5	292.4	17.5	16.2	-8.7	433.8	335.0	0.2	9.8	101.0	749.0
64.6	146.7	20739.6	50.0	-60.8	-60.8	208.5	6.8	3.3	8.0	500.2	335.0	0.2	9.8	103.9	763.0
74.9	157.0	25170.4	25.0	-52.6	-52.6	999.9	99.9	99.9	99.9	633.3	335.0	0.2	9.8	999.9	999.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 255  
VICTORIA, TEXAS

27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	33.0	1013.0	9.4	8.3	40.0	7.2	-4.6	-5.5	281.5	298.8	6.8	93.0	0.0	0.
0.4	8.9	140.1	1000.0	8.6	9.9	99.9	92.9	99.9	99.9	281.7	298.9	99.9	99.9	99.9	999.
1.4	9.5	349.2	975.0	7.2	6.6	99.9	99.9	99.9	99.9	282.4	298.5	6.3	99.1	99.9	999.
2.3	12.1	563.1	950.0	6.7	6.1	88.8	13.2	-12.3	-4.8	284.0	300.0	6.2	95.7	1.5	229.
3.1	14.7	782.9	925.0	8.1	7.4	97.4	14.1	-14.0	1.8	287.8	305.9	7.0	95.6	2.1	239.
3.9	17.3	1011.3	900.0	11.3	10.6	138.5	10.3	-8.8	7.7	293.2	316.9	9.0	95.4	2.5	251.
4.8	20.0	1247.7	875.0	12.0	11.3	191.2	7.4	1.4	4.3	296.2	322.0	9.7	95.6	2.5	261.
5.7	22.7	1491.4	850.0	12.1	11.4	233.2	7.1	5.7	2.4	300.5	325.8	10.1	95.4	2.2	267.
6.5	25.3	1742.0	825.0	11.3	10.6	252.2	7.9	7.5	1.3	301.9	327.5	9.8	95.4	1.5	271.
7.4	28.0	1999.3	800.0	10.1	9.5	260.8	7.9	7.8	99.9	303.0	327.5	9.4	95.4	1.5	276.
8.4	30.8	2263.4	775.0	8.6	3.8	99.9	99.9	99.9	99.9	304.6	327.5	6.5	95.4	1.0	279.
9.5	33.8	2534.3	750.0	7.3	-2.0	99.9	99.9	99.9	99.9	305.4	327.5	4.4	95.4	99.9	999.
10.5	36.3	2812.5	725.0	5.4	-4.2	99.9	99.9	99.9	99.9	305.4	327.5	3.9	99.9	99.9	999.
11.5	39.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
12.5	42.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
13.5	45.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
14.5	48.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
15.5	51.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
16.5	54.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
17.5	57.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
18.5	60.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
19.5	63.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
20.5	66.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
21.5	69.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
22.5	72.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
23.5	75.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
24.5	78.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
25.5	81.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
26.5	84.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
27.5	87.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
28.5	90.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
29.5	93.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
30.5	96.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
31.5	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
32.5	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
33.5	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
34.5	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
35.5	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
36.5	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
37.5	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
38.5	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS

27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	33.0	1013.1	9.6	8.8	40.0	8.2	-5.3	-6.3	281.7	299.6	7.1	95.0	0.0	0.0
0.5	8.2	141.0	1000.0	8.3	7.7	43.4	15.9	-10.9	-11.5	281.5	298.4	6.2	95.0	0.4	222.
1.2	8.8	349.9	975.0	6.8	6.3	45.9	13.6	-9.8	-9.5	282.0	297.8	5.9	95.7	1.0	223.
2.1	11.4	563.1	950.0	5.6	5.1	52.6	12.4	-9.9	-7.5	282.9	297.0	5.9	96.5	1.6	229.
3.0	14.1	781.4	925.0	5.4	4.8	76.7	12.2	-12.9	-3.0	284.8	300.0	5.9	96.4	2.2	229.
3.6	16.8	1007.8	900.0	10.2	9.6	119.3	8.2	-17.2	4.0	292.1	314.1	5.9	95.9	2.6	238.
4.4	19.4	1243.4	875.0	11.4	10.8	201.4	4.0	1.4	3.7	295.7	320.5	9.3	95.7	2.6	243.
5.2	22.1	1486.7	850.0	11.8	11.1	271.2	5.4	5.3	-0.1	298.5	324.8	9.3	95.8	2.4	238.
6.1	24.8	1735.7	825.0	10.4	9.9	279.4	5.0	5.3	-0.9	299.6	324.8	9.3	95.5	2.2	238.
7.1	27.7	1993.2	800.0	8.3	8.0	281.4	6.0	6.3	0.2	301.1	321.4	7.4	80.2	2.0	233.
8.0	30.4	2256.0	775.0	6.1	5.4	286.6	6.5	6.3	-1.2	302.6	314.5	4.2	47.4	1.7	223.
8.9	33.2	2526.0	750.0	6.3	-2.4	288.6	12.2	11.7	-3.5	303.5	315.2	3.7	41.6	1.5	204.
9.8	36.1	2803.1	725.0	4.9	-4.7	280.5	17.0	17.6	-2.7	304.8	309.3	0.9	13.3	1.5	175.
10.9	39.0	3088.9	700.0	3.5	-22.0	272.5	18.2	18.2	-0.7	307.8	310.5	0.8	13.1	2.0	145.
11.9	41.9	3382.9	675.0	1.9	-33.5	270.0	18.4	18.3	0.9	309.8	310.7	0.5	8.2	2.8	127.
12.9	44.8	3686.3	650.0	0.1	-30.6	265.1	22.9	22.9	0.6	309.8	311.2	0.5	9.4	4.9	109.
14.0	47.8	3998.7	625.0	-2.5	-30.0	268.4	22.9	22.9	0.6	311.4	313.2	0.5	11.1	6.3	103.
15.2	50.8	4321.6	600.0	-4.1	-30.6	271.3	26.1	25.1	-0.6	314.5	325.1	3.7	74.6	8.0	101.
16.4	53.9	4657.0	575.0	-7.7	-8.5	271.7	26.7	25.7	-0.8	315.2	325.4	3.7	92.5	9.9	99.
17.5	57.1	5005.5	550.0	-9.9	-8.5	271.7	27.2	26.7	-2.2	315.2	325.4	3.7	83.0	9.9	98.
18.8	60.3	5368.8	525.0	-12.3	-12.3	274.7	29.8	29.1	-2.2	316.5	325.4	3.7	83.0	11.9	98.
20.2	63.6	5742.1	500.0	-14.1	-17.7	277.4	32.3	31.9	-3.9	318.0	324.1	1.9	84.3	14.2	98.
21.4	66.9	6132.8	475.0	-16.3	-39.1	280.0	35.1	35.3	-5.6	320.6	324.1	0.3	9.8	16.4	98.
22.8	70.3	6541.9	450.0	-18.3	-42.2	283.3	38.1	39.4	-7.8	322.8	323.7	0.2	10.5	19.3	98.
24.1	73.8	6989.6	425.0	-19.3	-44.0	285.0	40.5	43.4	-9.3	324.3	325.1	0.2	10.9	22.4	99.
25.6	77.3	7418.4	400.0	-21.9	-44.0	280.4	44.1	46.3	-8.0	326.5	327.2	0.2	11.4	26.2	99.
27.3	81.1	7869.8	375.0	-25.4	-48.7	273.5	46.4	48.3	-3.0	328.0	328.7	0.2	13.8	30.7	98.
28.9	84.9	8389.2	350.0	-27.4	-48.7	273.5	44.5	44.5	-1.9	331.9	332.5	0.2	21.6	35.3	98.
30.8	88.8	8918.1	325.0	-31.9	-48.6	273.5	42.3	43.2	-2.8	332.7	332.5	0.2	21.6	40.2	98.
32.7	93.0	9477.4	300.0	-36.8	-48.6	274.7	45.4	45.3	-3.7	333.5	333.5	0.2	21.6	45.1	97.
34.5	97.3	10073.8	275.0	-42.0	-48.6	274.7	46.5	46.5	-4.6	334.3	334.3	0.2	21.6	50.2	97.
36.6	108.6	11400.8	250.0	-47.1	-48.6	279.7	48.2	48.2	-7.7	336.1	336.1	0.2	21.6	56.0	97.
41.5	117.0	12150.7	225.0	-52.7	-48.6	278.2	48.3*	48.3*	-5.7	340.1	340.1	0.2	21.6	62.6	97.
44.4	123.0	12986.0	200.0	-58.9	-48.6	278.2	45.9*	45.9*	-5.1	351.1	351.1	0.2	21.6	70.5	97.
47.8	129.3	13945.3	175.0	-60.2	-48.6	278.2	45.9*	45.9*	-9.0	356.3	356.3	0.2	21.6	88.0	97.
51.4	136.7	15081.1	150.0	-63.1	-48.6	278.2	45.9*	45.9*	-3.6	360.7	360.7	0.2	21.6	95.7	97.
55.8	144.7	16430.4	100.0	-68.1	-48.6	277.2	45.9*	45.9*	-9.7	366.2	366.2	0.2	21.6	102.8	97.
61.4	154.0	18155.5	75.0	-80.2	-48.6	277.2	45.9*	45.9*	-3.7	366.2	366.2	0.2	21.6	110.4	98.
69.3	163.7	20640.3	50.0	-80.2	-48.6	240.3	7.5*	6.5	5.0	366.2	366.2	0.2	21.6	113.6	98.
81.5		25061.5	25.0	-51.9	-48.6	191.2	5.1	1.0	5.0	366.2	366.2	0.2	21.6	116.3	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 255  
VICTORIA, TEXAS  
28 MARCH 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	33.0	1016.1	7.4	6.7	40.0	9.3	-8.0	-7.1	279.3	294.6	6.1	95.0	0.0	0.
0.5	6.4	184.6	1000.0	6.3	5.7	99.9	9.3	99.9	99.9	279.4	294.0	5.8	95.0	0.0	0.
1.3	9.0	371.7	975.0	4.6	4.0	99.9	99.9	99.9	99.9	279.8	293.2	5.2	96.0	99.9	99.9
2.0	11.6	583.4	950.0	3.5	2.9	99.9	99.9	99.9	99.9	280.8	293.6	5.0	95.8	99.9	99.9
2.8	14.2	800.1	925.0	4.2	3.4	99.9	99.9	99.9	99.9	283.8	297.4	5.3	95.1	99.9	99.9
3.5	16.8	1025.3	900.0	8.6	7.9	99.9	99.9	99.9	99.9	290.4	310.0	7.5	95.5	2.4	239.
4.4	19.4	1259.7	875.0	10.0	9.3	99.9	2.3	0.5	2.3	292.2	318.5	8.4	95.2	2.5	245.
5.2	22.0	1501.3	850.0	9.9	9.2	319.5	2.6	1.7	-2.0	296.6	319.7	8.6	95.2	2.5	245.
6.1	24.7	1749.5	825.0	8.6	7.8	280.5	3.9	2.8	-2.7	297.7	319.5	8.1	94.9	2.5	239.
6.9	27.3	2004.6	800.0	5.5	7.5	280.5	5.9	5.8	-1.1	299.9	322.2	8.2	95.5	2.4	235.
7.9	30.1	2263.8	775.0	3.3	7.0	284.1	8.9	8.8	-2.2	300.2	306.9	1.2	93.5	2.0	227.
8.9	32.9	2532.6	750.0	3.3	6.8	285.5	9.8	9.1	-3.6	302.0	302.7	0.2	93.5	1.9	212.
9.8	35.7	2806.5	725.0	2.6	6.8	278.7	14.9	14.8	-3.3	305.3	306.1	0.2	93.5	1.8	193.
10.8	38.5	3090.0	700.0	0.9	6.8	271.4	16.8	16.8	-1.7	308.7	307.5	0.2	93.5	2.4	145.
11.8	41.4	3382.9	675.0	0.9	6.8	269.8	19.1	19.1	-0.4	308.9	311.7	0.9	93.5	3.2	128.
12.9	44.3	3685.4	650.0	-2.0	6.2	268.5	19.2	19.2	0.5	310.2	311.2	0.3	93.5	3.2	118.
14.0	47.3	3998.4	625.0	-3.4	5.9	268.6	20.9	20.9	0.5	312.2	319.4	2.4	93.5	5.5	111.
15.1	50.3	4321.7	600.0	-8.4	5.9	271.9	24.3	24.3	-0.8	314.4	321.9	3.1	93.5	7.1	106.
16.3	53.4	4656.7	575.0	-8.2	5.2	278.3	24.1	23.9	-2.6	314.4	321.1	2.1	93.5	8.9	104.
17.6	56.6	5003.2	550.0	-10.1	4.8	278.0	24.8	24.6	-3.4	318.2	318.5	0.7	93.5	10.8	102.
18.9	59.9	5363.3	525.0	-13.3	4.8	279.0	30.7	30.2	-5.6	320.0	320.6	0.2	93.5	12.9	102.
20.3	62.9	5738.8	500.0	-10.7	4.8	280.4	32.7	32.3	-5.1	321.5	322.1	0.2	93.5	15.5	102.
21.9	66.1	6131.0	475.0	-13.3	4.8	281.6	32.6	32.0	-6.6	323.8	324.3	0.1	93.5	18.1	101.
22.9	69.0	6541.0	450.0	-15.5	4.8	285.0	37.8	36.5	-8.7	325.2	325.8	0.2	93.5	21.5	102.
24.5	73.1	6969.7	425.0	-18.6	4.8	281.2	44.6	43.8	-8.7	325.8	326.7	0.2	93.5	25.3	102.
26.1	76.7	7418.5	400.0	-22.5	4.8	281.2	44.6	43.8	-2.9	326.9	328.5	0.4	93.5	29.6	101.
27.7	80.3	7886.7	375.0	-26.2	4.8	283.3	43.9	42.5	1.5	328.6	328.9	0.4	93.5	34.2	100.
29.5	84.2	8384.4	350.0	-29.8	4.8	288.0	42.5	42.3	0.2	330.4	332.0	0.4	93.5	38.6	98.
31.3	88.1	8908.8	325.0	-33.6	4.8	289.8	42.3	42.3	-0.9	333.1	333.6	99.9	93.5	43.1	98.
33.0	92.3	9469.2	300.0	-38.1	4.8	271.2	48.4	48.4	-2.2	333.1	333.6	99.9	93.5	48.2	97.
35.0	96.3	10059.5	275.0	-42.9	4.8	273.4	48.5	48.4	-2.9	335.4	335.4	99.9	93.5	54.4	97.
37.1	100.8	10692.7	250.0	-48.8	4.8	269.9	47.5	47.5	-0.1	335.4	335.4	99.9	93.5	61.3	96.
39.5	105.8	11375.9	225.0	-54.2	4.8	271.9	48.3	48.2	-6.7	335.4	335.4	99.9	93.5	68.5	95.
42.1	110.6	12125.2	200.0	-59.4	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	77.2	95.
45.0	116.0	12957.1	175.0	-62.9	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	87.0	96.
48.5	122.0	13917.6	150.0	-62.9	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	94.7	96.
52.0	128.5	15052.9	125.0	-62.9	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	100.5	96.
56.0	135.7	16398.8	100.0	-69.4	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	107.7	96.
61.0	143.7	18117.1	75.0	-69.4	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	110.6	96.
68.3	152.5	20570.0	50.0	-64.1	4.8	271.9	49.5	49.0	-6.7	335.4	335.4	99.9	93.5	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS  
28 MARCH 1982  
515 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	33.0	1018.2	6.6	5.4	40.0	9.3	-6.0	-7.1	278.3	292.3	5.5	92.0	0.5	0.
0.7	8.8	181.0	1000.0	5.2	4.3	41.8	11.4	-7.6	-8.5	278.4	291.7	5.2	94.0	0.5	219.
1.5	8.8	387.5	975.0	3.7	3.2	45.2	12.6	-8.9	-8.9	278.9	291.5	4.9	96.3	1.7	221.
2.3	11.0	598.2	950.0	2.6	2.1	63.0	13.5	-12.0	-6.1	279.8	291.3	4.7	98.4	2.2	224.
3.1	13.2	815.7	925.0	2.0	6.4	86.0	12.1	-12.1	-6.1	286.5	303.5	6.5	95.6	2.2	233.
3.8	15.4	1043.3	900.0	10.2	9.5	85.7	7.1	-6.4	-2.9	292.0	314.0	8.4	95.6	2.6	239.
4.6	17.7	1278.1	875.0	19.7	9.0	28.1	5.9	-2.8	-5.2	293.9	315.8	8.3	95.4	2.8	237.
5.3	20.0	1518.7	850.0	8.3	7.7	28.1	6.8	-3.2	-6.0	294.9	315.7	7.8	95.0	3.1	233.
6.3	22.3	1765.5	825.0	7.1	6.5	16.5	5.8	-1.7	-5.0	296.2	316.1	7.4	95.9	3.4	231.
7.3	24.6	2019.0	800.0	6.7	-5.7	341.5	5.4	4.0	-5.1	298.3	307.4	3.2	41.1	3.9	228.
8.1	27.1	2278.7	775.0	4.7	-21.6	328.3	7.6	4.0	-6.4	298.9	301.6	0.9	12.4	3.7	223.
9.0	29.5	2545.3	750.0	3.4	-25.3	313.2	8.8	6.4	-6.0	301.9	302.4	0.7	10.0	3.8	216.
9.9	32.1	2819.2	725.0	2.2	-28.6	292.2	10.6	9.8	-4.0	301.9	303.5	0.5	8.0	3.8	208.
10.9	34.7	3102.3	700.0	2.5	-29.6	278.3	13.2	13.1	-1.9	305.3	306.8	0.5	7.2	3.7	198.
11.9	37.2	3396.8	675.0	2.9	-30.2	271.0	15.7	15.7	-0.3	308.9	310.4	0.5	6.5	3.6	184.
13.0	39.9	3700.7	650.0	0.9	-29.0	270.4	17.7	17.7	-0.1	310.0	311.7	0.5	8.5	3.6	187.
14.1	42.7	4014.8	625.0	-0.9	-31.0	274.5	19.5	19.4	-1.5	311.5	313.0	0.5	7.9	4.1	150.
15.2	45.5	4339.4	600.0	-2.7	-29.3	277.3	22.6	22.4	-2.9	313.0	314.9	0.6	10.7	5.1	137.
16.3	48.4	4675.2	575.0	-5.3	-16.6	279.4	27.2	26.9	-4.4	313.8	319.5	1.8	40.5	8.4	122.
17.3	51.4	4922.6	550.0	-7.9	-14.3	277.6	31.7	31.5	-4.2	314.8	321.9	2.3	60.0	8.2	122.
18.7	54.5	5263.4	525.0	-10.0	-18.8	273.0	32.9	32.8	-1.7	315.4	322.6	2.0	57.5	10.6	115.
19.9	57.6	5757.4	500.0	-13.5	-18.1	273.0	31.7	31.7	-0.7	316.6	322.4	1.8	58.2	12.9	111.
21.4	61.0	6145.0	475.0	-17.0	-18.4	270.8	31.2	31.2	-0.4	316.9	322.4	1.9	89.0	15.4	107.
22.8	64.4	6553.1	450.0	-18.1	-38.0	273.8	35.4	35.2	-2.4	323.9	324.1	0.3	13.1	18.0	105.
24.2	67.9	6980.7	425.0	-19.6	-40.1	278.3	39.4	39.2	-4.3	323.9	324.9	0.3	14.0	21.3	104.
26.0	71.5	7427.6	400.0	-23.6	-40.6	277.7	43.1	42.7	-5.8	324.0	325.4	0.3	19.0	25.6	103.
27.7	75.3	7895.4	375.0	-27.6	-36.2	274.9	45.1	45.0	-3.9	325.0	326.8	0.5	43.5	30.2	102.
29.3	79.3	8389.5	350.0	-30.5	-37.1	267.9	42.6	42.6	-1.6	327.7	329.3	0.4	51.9	34.4	100.
31.2	83.4	8911.7	325.0	-34.9	-39.8	265.1	43.6	43.4	-3.7	328.6	329.9	0.4	60.9	39.0	98.
33.1	87.7	9464.8	300.0	-39.3	-47.5	268.4	44.1	44.1	-1.2	329.9	330.6	0.2	41.5	44.0	97.
35.3	92.2	10054.3	275.0	-44.4	99.9	272.3	50.0	50.0	-2.0	330.9	330.9	99.9	99.9	50.2	96.
37.6	97.0	10687.6	250.0	-48.3	99.9	276.4	54.9*	54.5	-6.1	334.3	339.9	99.9	99.9	57.2	96.
40.1	102.4	11378.4	225.0	-52.7	99.9	277.9	61.9*	61.3	-8.5	337.8	339.9	99.9	99.9	58.1	98.
42.7	107.8	12128.8	200.0	-57.1	99.9	277.4	58.2*	57.7	-7.5	342.3	339.9	99.9	99.9	75.8	97.
45.4	113.5	12989.0	175.0	-58.6	99.9	274.1	53.1*	53.0	-3.8	353.2	339.9	99.9	99.9	84.7	96.
48.3	119.7	13932.6	150.0	-61.7	99.9	272.8	44.8*	44.4	-2.2	363.9	339.9	99.9	99.9	93.2	96.
51.9	125.3	15083.3	125.0	-61.7	99.9	269.5	35.4*	35.4	0.3	383.3	339.9	99.9	99.9	103.1	96.
55.8	133.3	16420.4	100.0	-69.5	99.9	268.1	30.6*	30.5	2.1	393.6	339.9	99.9	99.9	108.6	95.
60.4	140.7	18137.3	75.0	-67.5	99.9	282.2	18.8*	18.2	-3.8	431.4	339.9	99.9	99.9	115.4	95.
66.7	148.3	20587.1	50.0	-64.4	99.9	325.8	10.3*	4.6	-6.8	491.7	339.9	99.9	99.9	120.5	95.
76.7	158.3	24941.3	25.0	-56.1	99.9	191.1	10.0	1.9	9.8	623.7	339.9	99.9	99.9	123.5	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEXAS

28 MARCH 1982  
1100 GMT

166 10. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	TEMP DEG F	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	33.0	1018.9	5.1	41.2	30.0	5.2	-2.6	-4.5	277.8	280.5	5.1	89.0	0.0	0.
0.6	7.1	186.1	1000.0	4.4	3.0	8.1	2.0	-0.2	-2.0	277.5	289.6	4.6	90.5	0.4	209.
1.4	9.7	391.9	975.0	2.7	2.2	44.6	7.7	-5.4	-5.5	277.9	289.6	4.6	90.5	0.6	211.
2.2	12.2	802.2	950.0	2.6	2.1	78.8	8.7	-8.5	-1.7	279.9	291.9	4.7	95.9	1.0	220.
3.0	14.6	820.3	925.0	7.8	2.2	87.8	5.4	-5.4	-0.2	287.3	305.3	6.9	95.7	1.3	237.
3.8	17.4	1048.0	800.0	9.5	8.8	56.3	3.5	-2.9	-1.9	291.3	312.1	7.9	95.2	1.4	237.
4.7	20.0	1281.6	875.0	8.1	7.5	59.7	4.1	-3.6	-2.1	292.2	314.7	7.5	95.8	1.7	238.
5.6	22.7	1521.7	850.0	7.9	7.3	40.6	4.0	-2.6	-3.0	294.5	314.7	7.6	95.8	1.9	238.
6.6	25.3	1768.0	825.0	7.6	-7.7	20.0	8.8	-2.3	-6.4	296.8	304.2	2.7	93.4	2.1	233.
7.5	28.0	2020.4	800.0	5.0	-18.8	15.2	8.2	-2.5	-9.4	297.6	300.9	1.1	14.8	2.5	227.
8.6	30.8	2280.0	775.0	4.5	-21.4	5.6	9.7	-0.8	-9.4	299.2	300.9	0.9	12.7	3.0	220.
9.7	33.4	2548.9	750.0	4.2	-31.9	35.0	8.1	1.3	-8.0	301.4	301.9	0.4	12.7	3.4	215.
10.8	36.2	2822.4	725.0	2.4	-36.5	324.6	10.6	4.6	-9.5	304.0	304.8	0.2	3.3	3.8	208.
12.0	39.0	3106.5	700.0	0.4	-22.6	324.6	13.0	7.5	-10.6	305.2	308.0	0.9	13.7	4.2	189.
13.0	41.8	3398.9	675.0	0.4	-32.0	315.5	11.6	8.3	-8.5	308.1	307.0	0.4	8.0	5.2	182.
14.2	44.7	3700.5	650.0	-1.5	-30.7	301.9	15.3	9.9	-8.1	308.6	310.2	0.5	10.3	5.5	175.
15.3	47.6	4011.5	625.0	-3.4	-30.7	301.9	15.3	13.0	-8.1	311.1	312.5	0.7	15.6	5.5	166.
16.3	50.5	4333.5	600.0	-4.3	-26.5	289.1	21.9	19.1	-7.4	313.9	322.3	2.8	61.1	7.5	156.
17.5	53.5	4668.7	575.0	-5.2	-28.8	285.9	28.6	25.7	-2.9	315.2	325.5	3.3	83.5	8.9	145.
18.7	56.6	5016.7	550.0	-7.5	-11.4	271.2	28.7	28.7	-0.6	318.1	328.3	3.7	91.5	10.4	135.
20.0	59.6	5377.5	525.0	-10.3	-13.4	263.2	28.4	28.2	3.4	319.4	328.5	2.2	88.6	12.1	127.
21.3	62.9	5732.1	500.0	-12.5	-16.5	259.1	29.5	29.0	5.6	321.5	327.4	1.8	84.5	13.8	120.
22.7	66.1	6142.7	475.0	-15.0	-18.3	259.9	32.5	32.0	5.7	322.7	327.4	1.4	80.3	15.6	108.
24.1	69.4	6550.3	450.0	-17.3	-19.3	259.9	36.5	35.8	6.5	324.7	327.4	1.0	72.5	18.6	103.
25.6	72.8	6976.4	425.0	-20.5	-27.5	257.1	39.6	40.6	8.9	326.9	325.6	0.6	59.4	22.4	100.
27.3	76.3	7422.1	400.0	-24.0	-27.5	257.1	41.5	40.6	8.9	328.9	325.6	0.2	34.7	25.4	97.
28.9	80.0	7899.1	375.0	-28.5	-33.9	256.0	44.3	44.1	8.6	331.1	325.6	0.1	34.7	28.2	96.
30.4	83.7	8379.0	350.0	-33.1	-43.3	256.0	47.7	47.7	0.7	334.1	325.6	0.1	34.7	31.0	95.
32.4	87.5	8895.9	325.0	-37.3	-55.2	272.7	51.7	51.7	-2.5	336.1	325.6	99.9	99.9	34.0	95.
34.4	91.5	9445.1	300.0	-40.7	-99.9	272.7	55.5	55.2	-6.4	338.1	325.6	99.9	99.9	36.8	95.
36.7	95.7	10033.6	275.0	-43.7	-99.9	276.6	61.9*	60.8	-14.7	340.1	325.6	99.9	99.9	39.6	95.
39.2	100.2	10688.4	250.0	-47.6	-99.9	281.6	63.5*	61.7	-14.7	342.1	325.6	99.9	99.9	42.4	95.
41.8	104.8	11357.3	225.0	-53.1	-99.9	281.6	61.9*	60.0	-15.2	344.1	325.6	99.9	99.9	45.2	95.
44.3	109.8	12106.8	200.0	-59.0	-99.9	281.6	53.4*	52.2	-11.3	346.1	325.6	99.9	99.9	48.0	95.
47.3	115.2	12941.4	175.0	-59.0	-99.9	281.6	43.2*	43.1	-0.7	348.1	325.6	99.9	99.9	50.8	95.
49.9	121.0	13908.6	150.0	-61.3	-99.9	281.6	35.0*	34.9	0.8	350.1	325.6	99.9	99.9	53.6	95.
53.3	127.5	15040.3	125.0	-68.2	-99.9	281.6	26.9*	26.7	-3.8	352.1	325.6	99.9	99.9	56.4	95.
57.3	135.0	16408.1	100.0	-88.5	-99.9	278.4	18.8*	16.7	-1.9	354.1	325.6	99.9	99.9	59.2	95.
62.4	143.5	18133.6	75.0	-88.5	-99.9	278.4	8.0*	5.3	-2.9	356.1	325.6	99.9	99.9	62.0	95.
68.9	153.5	20584.5	50.0	-83.5	-99.9	241.2	5.6	1.4	-5.4	358.1	325.6	99.9	99.9	64.8	95.
83.7	184.0	24956.8	25.0	-54.1	-99.9	345.5	5.6	1.4	-5.4	360.1	325.6	99.9	99.9	67.6	95.

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 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS

27 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	399.0	971.4	5.1	4.5	120.0	7.2	-6.2	3.6	280.8	294.5	5.5	96.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	12.2	580.5	950.0	3.3	2.9	113.8	10.2	-9.3	4.1	280.5	293.3	5.0	97.6	0.4	289.
1.3	14.6	798.5	925.0	1.7	1.4	115.7	11.5	-10.3	5.0	281.1	292.9	4.8	97.3	0.9	292.
1.9	17.4	1017.5	900.0	1.1	0.7	128.1	11.8	-9.6	7.0	282.7	294.4	4.5	97.2	1.3	294.
2.7	20.0	1244.1	875.0	0.9	0.4	155.5	11.7	-5.2	10.4	283.6	298.4	4.5	97.1	1.9	300.
3.5	22.6	1477.8	850.0	1.7	1.3	183.0	12.9	0.7	12.9	286.0	301.2	5.0	97.0	2.2	312.
4.2	25.3	1718.9	825.0	2.0	1.4	202.8	14.8	5.7	13.6	288.8	304.6	5.1	95.5	2.5	324.
5.0	27.9	1968.4	800.0	2.7	3.8	223.4	18.1	12.5	13.2	292.2	311.5	6.0	95.3	2.9	337.
5.8	30.7	2227.7	775.0	3.1	3.9	240.0	18.4	15.9	9.2	298.8	316.9	6.6	94.8	3.3	353.
6.7	33.3	2494.8	750.0	3.1	4.7	248.0	15.7	14.1	5.9	300.0	318.8	6.1	95.1	3.7	37.
7.5	36.1	2769.2	725.0	3.1	0.5	258.9	14.4	14.1	2.8	301.2	314.8	4.9	96.8	4.4	26.
8.4	38.9	3050.6	700.0	-1.2	-1.7	268.0	15.1	15.1	0.5	302.8	317.7	4.9	96.7	4.4	26.
9.2	41.8	3341.0	675.0	-1.6	-2.1	273.8	15.8	15.8	-0.2	304.2	315.7	3.5	93.2	5.3	43.
10.2	44.6	3640.8	650.0	-4.3	-5.2	270.8	17.6	17.6	-0.2	305.5	315.1	3.5	94.5	6.1	50.
11.1	47.6	3949.3	625.0	-6.1	-8.4	268.6	20.5	20.5	0.5	306.8	316.5	3.2	94.5	6.7	57.
12.2	50.5	4288.0	600.0	-8.1	-8.6	264.7	24.4	24.3	2.2	308.7	318.1	1.8	93.9	10.6	64.
13.1	53.5	4598.1	575.0	-9.7	-9.8	260.2	27.5	27.1	4.7	309.7	315.2	0.3	93.5	12.7	66.
14.3	56.6	4939.7	550.0	-12.1	-17.6	254.6	28.3	28.5	7.9	308.6	309.5	0.2	93.8	14.6	67.
15.5	59.8	5293.0	525.0	-18.5	-37.8	259.7	30.4	29.9	5.4	310.7	311.6	0.2	93.5	17.0	70.
16.8	62.9	5658.2	500.0	-18.3	-39.0	259.7	32.5	32.5	1.8	316.1	317.1	0.2	93.5	19.3	72.
17.9	65.1	6041.6	475.0	-17.7	-39.0	272.7	33.1	33.1	-1.5	318.0	318.8	0.2	93.5	21.7	75.
19.2	68.5	6444.7	450.0	-20.1	-40.9	272.7	33.1	33.1	0.2	318.9	320.6	0.2	93.5	24.8	76.
20.4	72.9	6866.2	425.0	-22.7	-43.0	269.6	34.6	34.6	2.4	322.4	323.3	0.7	93.5	28.3	77.
21.9	76.4	7308.8	400.0	-25.1	-41.4	266.4	38.1	38.0	1.7	324.5	326.9	0.6	93.5	32.4	79.
23.4	80.0	7775.0	375.0	-28.0	-32.0	267.7	42.1	42.1	1.7	326.4	328.4	99.9	93.5	37.3	80.
25.0	83.7	8267.8	350.0	-31.4	-34.8	268.1	51.1	51.1	1.7	328.4	329.9	99.9	93.5	42.9	81.
26.6	87.7	8788.3	325.0	-35.8	-39.9	270.7	57.1	56.9	-0.7	330.3	331.6	99.9	93.5	49.6	83.
28.5	91.7	9335.4	300.0	-40.5	-44.9	274.9	99.9	99.9	99.9	332.2	333.6	99.9	93.5	99.9	99.9
30.5	95.8	9925.7	275.0	-44.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
32.7	100.2	10555.9	250.0	-50.1	-56.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
34.8	105.0	11235.4	225.0	-56.3	-63.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
39.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	93.5	99.9	99.9

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	399.0	972.5	4.5	3.6	110.0	5.2	-4.9	1.8	279.9	293.0	5.1	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.6	589.4	950.0	2.8	2.5	111.2	14.1	-13.1	5.1	280.1	292.2	4.8	97.5	0.3	292.
1.3	14.1	804.9	925.0	1.4	1.0	114.8	13.4	-12.1	5.6	282.7	293.5	4.5	97.8	0.3	292.
2.0	16.7	1025.8	900.0	0.6	0.2	126.7	11.3	-9.1	8.1	283.2	295.1	4.3	98.8	1.5	294.
2.9	19.2	1251.8	875.0	0.1	-0.4	146.5	9.7	-5.3	8.1	283.9	295.1	4.2	98.8	1.5	294.
3.6	21.7	1484.4	850.0	0.5	-0.1	173.8	11.2	-1.2	11.1	283.9	295.1	4.5	95.7	2.3	306.
4.4	24.3	1725.1	825.0	2.0	1.3	205.8	14.1	6.1	12.7	290.8	304.5	5.1	95.1	2.6	318.
5.3	26.9	1975.0	800.0	4.3	3.0	233.7	17.9	14.4	10.6	295.8	312.6	6.2	94.8	2.8	335.
6.1	29.6	2234.0	775.0	3.8	3.0	245.9	19.6	17.9	8.0	297.9	314.7	6.2	94.8	3.0	353.
6.8	32.1	2500.2	750.0	2.3	1.5	253.9	17.4	16.7	8.0	297.9	314.7	5.7	94.8	3.0	353.
7.9	35.0	2773.6	725.0	0.3	-0.5	257.3	14.5	14.2	3.2	299.8	314.1	5.1	94.8	3.0	353.
8.7	37.7	3054.8	700.0	-1.5	-2.1	257.0	14.6	14.2	3.2	300.8	314.0	4.7	95.9	4.2	30.
9.6	40.4	3343.8	675.0	-3.5	-4.4	258.5	15.0	14.5	3.5	301.7	313.4	4.1	93.3	4.8	37.
10.6	43.3	3641.1	650.0	-8.1	-10.6	258.9	15.2	14.8	3.5	303.1	309.8	2.4	73.4	5.5	43.
11.6	46.1	3947.2	625.0	-9.4	-12.0	252.8	15.5	14.8	4.6	303.2	310.5	2.8	89.5	7.4	48.
12.8	49.0	4263.7	600.0	-12.9	-13.8	253.3	18.5	17.7	5.3	305.2	313.5	0.4	15.4	8.6	51.
13.9	52.0	4589.8	575.0	-14.4	-14.4	259.3	21.3	20.9	2.8	304.9	308.2	0.3	14.9	10.1	59.
15.1	55.0	4928.0	550.0	-16.5	-16.5	265.1	25.2	25.1	2.2	307.0	308.1	0.3	14.9	11.6	62.
16.2	58.1	5278.3	525.0	-17.9	-17.9	265.0	30.2	30.1	2.6	308.6	309.6	0.3	14.3	13.3	65.
17.4	61.1	5645.8	500.0	-19.3	-19.3	265.0	32.8	32.7	2.4	312.4	312.4	0.3	14.3	15.5	68.
18.6	64.4	6030.3	475.0	-20.2	-20.2	266.4	34.2	34.1	2.1	315.8	316.8	0.2	14.5	17.9	71.
19.8	67.7	6438.9	450.0	-23.0	-23.0	266.4	36.3	36.2	2.1	319.6	320.3	0.2	14.5	20.2	73.
21.0	71.0	6854.0	425.0	-25.7	-25.7	264.7	39.0	39.0	3.3	321.6	322.2	0.2	15.2	23.3	74.
22.5	74.6	7296.0	400.0	-27.9	-27.9	270.5	45.4	45.4	-0.3	324.7	325.7	0.2	25.1	27.1	76.
24.2	78.1	7762.3	375.0	-31.4	-31.4	272.0	51.0	51.0	1.6	326.4	327.1	0.2	30.2	31.4	79.
26.0	81.8	8254.6	350.0	-34.9	-34.9	268.2	53.0	53.0	0.5	328.6	329.3	0.2	49.8	36.8	80.
27.9	85.7	8775.8	325.0	-39.1	-39.1	269.6	52.8	52.8	-0.5	330.3	331.1	0.2	99.9	42.8	81.
29.8	89.7	9328.4	300.0	-43.7	-43.7	270.6	52.8	52.8	-0.5	332.0	332.0	0.2	99.9	49.0	83.
31.8	93.8	9819.8	275.0	-48.5	-48.5	275.5	51.7	51.7	-4.9	334.0	334.0	0.2	99.9	55.3	84.
33.8	98.3	10333.1	250.0	-53.4	-53.4	275.5	51.7	51.7	-7.7	336.7	336.7	0.2	99.9	62.0	85.
36.0	102.8	11238.9	225.0	-58.6	-58.6	277.6	54.3	54.3	-8.4	340.0	340.0	0.2	99.9	70.0	87.
38.4	107.8	11986.5	200.0	-57.6	-57.6	279.8	58.6	58.6	-6.6	354.8	354.8	0.2	99.9	78.8	88.
41.2	113.2	12828.9	175.0	-62.0	-62.0	272.2	50.6	50.6	-1.9	363.4	363.4	0.2	99.9	85.9	89.
44.2	119.0	13788.9	150.0	-61.6	-61.6	280.7	40.8	40.1	-10.4	383.5	383.5	0.2	99.9	98.6	89.
47.8	125.7	14920.5	125.0	-65.0	-65.0	287.1	35.1	33.6	-11.5	409.0	409.0	0.2	99.9	105.4	91.
52.1	133.3	16303.5	100.0	-67.5	-67.5	308.4	18.5	14.5	-3.1	436.6	436.6	0.2	99.9	111.6	92.
57.3	142.0	18078.7	75.0	-57.5	-57.5	278.0	22.2	22.0	-3.5	508.0	508.0	0.2	99.9	115.6	93.
64.3	153.5	20589.2	50.0	-52.8	-52.8	288.8	10.9	10.3	-3.5	533.0	533.0	0.2	99.9	117.0	93.
75.3	164.0	24998.1	25.0	-52.8	-52.8	288.8	10.9	10.3	-3.5	533.0	533.0	0.2	99.9	117.0	93.

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ORIGINAL PAGE IS  
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STATION NO. 260  
STEPHENVILLE, TEXAS

27 MARCH 1982  
1715 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.3	399.0	974.0	3.5	3.2	90.0	5.2	-5.2	0.0	278.8	291.4	5.0	98.0	0.0	0.
98.9	99.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.8	601.2	950.0	1.6	1.2	108.5	9.5	-9.0	3.0	278.8	290.2	4.1	97.1	0.3	231.
1.4	14.3	815.7	925.0	0.3	-0.1	107.3	8.4	-8.6	2.5	279.8	290.2	4.1	97.0	0.7	275.
2.1	17.0	1035.4	900.0	-0.2	-0.0	124.8	8.0	-8.6	7.4	281.3	292.0	4.1	97.0	1.0	282.
2.9	19.6	1261.7	875.0	0.7	0.3	148.1	8.7	-4.6	7.4	284.6	296.4	4.5	97.1	1.3	291.
3.7	22.2	1494.9	850.0	1.4	1.0	189.3	8.8	1.4	8.6	287.0	300.5	4.8	97.0	1.6	303.
4.8	24.9	1736.4	825.0	3.2	2.8	228.9	12.2	9.2	8.0	292.7	310.0	5.7	96.6	1.7	340.
5.5	27.8	1986.6	800.0	2.5	2.8	248.8	13.2	12.3	4.8	295.5	312.1	5.9	96.4	1.9	348.
6.4	30.3	2244.2	775.0	2.5	1.9	252.1	11.4	10.8	3.5	298.7	313.7	5.5	96.3	2.2	358.
7.2	33.0	2509.2	750.0	1.6	-1.1	251.5	8.7	7.5	2.7	298.7	313.3	4.9	91.0	2.5	368.
8.2	35.8	2782.3	725.0	0.2	-1.1	242.4	8.4	8.4	2.6	300.8	313.0	4.3	88.5	2.8	378.
9.1	38.6	3083.2	700.0	-1.6	-3.2	240.2	9.7	8.4	4.6	301.2	311.3	3.5	84.1	3.5	388.
10.3	41.4	3352.0	675.0	-4.0	-7.3	244.3	10.3	9.3	4.5	301.6	308.2	1.5	41.9	4.2	448.
11.4	44.3	3648.6	650.0	-6.5	-17.3	252.9	12.5	11.9	3.7	302.4	305.7	1.1	35.2	5.0	498.
12.5	47.1	3953.8	625.0	-8.8	-22.0	258.1	13.8	13.4	3.0	304.5	307.8	1.0	35.2	5.9	538.
13.7	50.0	4269.5	600.0	-10.1	-25.7	267.8	14.1	18.0	1.2	304.9	306.5	0.5	19.8	7.9	588.
14.9	53.0	4595.9	575.0	-12.9	-31.2	265.6	16.0	18.5	-1.6	306.1	307.3	0.4	16.5	9.3	638.
16.1	56.0	4933.3	550.0	-15.1	-34.9	275.1	18.5	24.6	-2.8	310.6	311.8	0.4	16.5	11.3	748.
17.3	59.1	5285.0	525.0	-14.9	-34.7	278.7	24.9	29.6	-2.2	314.1	315.4	0.3	16.3	12.7	777.
18.8	62.4	5653.7	500.0	-15.6	-35.4	277.3	29.7	30.7	0.3	317.1	318.3	0.3	16.3	16.2	797.
20.1	65.5	6040.3	475.0	-16.9	-36.4	285.4	30.7	30.7	1.1	318.6	319.9	0.3	16.4	18.0	807.
21.5	68.8	6424.2	450.0	-19.4	-38.5	287.8	30.3	30.2	3.2	320.4	321.3	0.2	16.5	22.1	807.
23.0	72.3	6868.9	425.0	-22.3	-40.9	284.4	33.1	33.2	5.2	322.0	322.8	0.2	17.5	25.7	817.
24.5	75.7	7309.6	400.0	-25.4	-43.4	281.6	35.8	35.2	2.9	323.4	324.1	0.2	18.1	29.6	827.
26.1	83.3	7774.6	375.0	-28.8	-45.8	265.7	38.7	38.6	-0.6	325.9	326.4	0.1	18.3	34.1	837.
27.8	87.0	8265.2	350.0	-31.8	-48.0	270.8	39.3	39.3	-3.3	328.5	328.9	0.1	18.3	40.7	857.
29.6	91.0	8785.5	325.0	-35.0	-50.6	274.0	48.3	48.1	1.8	330.7	330.9	99.9	99.9	47.7	857.
31.7	95.2	9339.8	300.0	-38.8	-50.9	268.1	53.9	53.8	3.7	331.9	331.9	99.9	99.9	52.8	857.
33.9	99.5	10565.7	275.0	-43.7	-55.9	255.7	50.5	50.3	0.4	334.7	334.7	99.9	99.9	58.2	857.
35.9	104.2	11253.2	250.0	-48.0	-59.9	255.5	52.6	52.6	-5.8	337.3	337.3	99.9	99.9	62.2	857.
38.4	109.2	12002.7	225.0	-53.0	-59.9	275.3	58.1	58.1	-6.0	340.7	340.7	99.9	99.9	72.8	857.
41.0	114.5	12852.1	200.0	-58.2	-59.9	275.9	58.1	58.1	-6.0	340.7	340.7	99.9	99.9	72.8	857.
43.8	119.5	13822.8	175.0	-56.7	-59.9	275.0	47.3	46.8	-3.3	356.4	356.4	99.9	99.9	89.7	857.
47.1	129.5	14957.9	150.0	-59.2	-59.9	274.7	40.5	40.8	-5.7	384.9	384.9	99.9	99.9	106.8	917.
50.8	134.5	16350.8	125.0	-60.8	-59.9	278.8	37.1	36.7	-10.0	411.8	411.8	99.9	99.9	117.5	927.
55.4	143.5	18139.5	100.0	-62.5	-59.9	288.9	30.7	29.1	-12.7	439.7	439.7	99.9	99.9	118.6	927.
61.1	154.0	20659.6	75.0	-63.5	-59.9	305.3	22.0	18.0	-8.5	503.1	503.1	99.9	99.9	120.1	927.
68.2	163.0	25103.4	50.0	-59.0	-59.9	277.7	10.9	10.9	6.0	540.8	540.8	99.9	99.9	120.1	927.
			25.0	-50.0	99.9	236.4	10.8	9.0	6.0						

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	399.0	974.0	4.0	2.5	90.0	5.2	-5.2	0.0	279.3	291.3	4.7	90.3	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	11.8	601.2	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.3	14.3	815.0	935.0	1.8	1.2	99.3	9.1	-9.1	-0.1	279.0	290.3	4.4	95.9	0.4	264.
2.8	18.9	1035.7	925.0	0.4	-0.6	95.0	8.7	-8.6	0.8	279.7	290.4	4.1	95.9	0.7	267.
2.8	18.9	1035.7	925.0	-0.1	-0.6	95.0	9.4	-8.5	4.1	281.4	292.9	4.1	95.9	1.1	272.
2.8	22.0	1282.5	875.0	1.6	1.0	129.3	8.6	-5.6	6.5	285.4	297.9	4.7	95.9	1.5	282.
2.8	22.0	1282.5	875.0	1.6	1.0	129.3	8.6	-5.6	6.5	285.4	297.9	4.7	95.9	1.5	282.
4.4	24.7	1388.5	850.0	1.6	1.3	178.2	6.5	-0.2	8.5	288.1	301.3	5.0	98.3	1.8	290.
5.2	27.3	1588.2	800.0	2.5	2.6	232.6	6.9	5.5	4.2	291.9	307.0	5.0	98.3	1.8	290.
6.1	30.0	2244.8	775.0	2.5	2.0	260.1	6.2	8.1	1.1	293.8	308.8	5.5	95.9	1.8	300.
7.0	32.7	2508.9	750.0	1.5	1.1	260.7	4.9	4.8	0.8	295.4	310.1	5.4	98.2	1.4	310.
7.9	35.3	2781.7	725.0	0.8	0.4	244.9	6.4	5.8	2.7	297.5	312.1	5.3	97.2	1.4	329.
8.9	38.1	3082.1	700.0	0.2	-0.5	244.4	9.2	8.3	4.0	299.7	311.7	4.3	79.2	1.4	349.
10.1	40.9	3350.6	675.0	-1.9	-0.5	259.0	10.1	9.9	1.9	300.4	310.0	3.4	71.0	1.6	372.
11.2	43.7	3547.2	650.0	-3.9	-1.7	268.8	10.5	10.5	0.5	302.2	307.6	2.1	50.6	1.9	372.
12.3	46.6	3522.9	625.0	-6.0	-14.7	267.6	11.9	11.8	0.5	302.2	307.6	1.9	50.6	2.4	372.
13.4	49.4	4287.7	600.0	-8.9	-27.8	275.3	13.2	13.1	-1.2	302.3	307.6	0.6	20.2	3.0	58.
14.5	52.4	4594.1	575.0	-10.9	-27.7	287.6	13.4	12.8	-4.0	303.8	308.2	0.6	22.9	3.7	67.
15.8	55.4	4932.0	550.0	-12.9	-33.7	295.8	13.2	11.9	-5.7	304.9	308.2	0.4	15.5	4.4	76.
17.1	58.5	5283.6	525.0	-14.8	-31.7	295.3	14.3	12.0	-8.1	306.6	308.2	0.5	21.9	5.2	83.
18.3	61.6	5651.5	500.0	-16.2	-37.2	288.6	20.0	19.9	-6.4	309.0	310.2	0.3	14.2	6.4	89.
19.8	64.8	6037.5	475.0	-17.1	-38.9	280.3	21.0	20.5	-5.1	314.1	315.2	0.3	14.0	8.1	92.
21.1	68.0	6407.7	450.0	-19.7	-40.4	272.2	32.9	31.4	-3.0	316.8	317.8	0.2	13.8	10.5	93.
22.8	71.4	6862.8	425.0	-22.7	-42.8	269.6	33.7	32.7	-1.2	318.5	319.4	0.2	13.8	12.3	94.
24.4	74.7	7304.1	400.0	-26.0	-45.5	271.2	33.7	33.7	0.1	319.9	320.6	0.2	13.8	12.3	94.
26.1	78.3	7788.9	375.0	-28.0	-47.1	275.1	33.7	33.7	0.7	321.2	321.7	0.2	14.0	18.6	93.
27.7	82.0	8261.4	350.0	-31.0	-49.5	276.3	35.9	35.8	-0.7	321.2	321.7	0.1	14.1	19.7	92.
29.4	85.7	8782.8	325.0	-35.1	-52.7	274.9	39.6	39.4	-4.4	327.0	327.4	0.1	14.1	23.3	93.
31.0	89.7	9335.2	300.0	-39.9	-52.7	270.0	43.9	43.8	-3.7	328.3	328.6	0.1	14.6	26.9	93.
32.0	92.8	9925.1	275.0	-43.5	-59.9	265.1	51.2	51.2	-0.0	329.1	329.9	99.9	99.9	31.7	93.
33.1	98.2	10560.0	250.0	-48.2	-59.9	263.4	51.2	51.0	4.4	332.3	333.0	99.9	99.9	35.7	93.
35.1	102.7	11268.5	225.0	-52.2	-59.9	274.2	50.0	50.0	1.4	334.5	335.0	99.9	99.9	42.0	92.
37.1	107.6	11977.8	200.0	-55.3	-59.9	272.7	56.2	55.2	-4.1	337.0	337.0	99.9	99.9	48.1	92.
39.7	113.0	12854.5	175.0	-54.1	-59.9	272.7	56.2	54.6	-3.5	344.5	344.5	99.9	99.9	54.5	92.
42.3	118.7	13835.9	150.0	-57.7	-59.9	275.0	55.9	55.2	-4.1	360.7	360.7	99.9	99.9	62.7	92.
45.4	125.0	14974.4	125.0	-62.2	-59.9	276.3	36.5	36.2	-4.0	370.7	370.7	99.9	99.9	71.2	92.
48.8	132.5	16359.2	100.0	-60.9	-59.9	281.4	35.6	34.9	-7.0	382.3	382.3	99.9	99.9	79.7	93.
53.2	141.3	18141.8	75.0	-65.0	-59.9	308.4	15.2	12.3	-9.8	410.1	410.1	99.9	99.9	98.6	94.
58.7	151.5	20841.6	50.0	-59.1	-59.9	191.4	15.4	3.1	15.1	436.7	436.7	99.9	99.9	105.0	95.
65.6	163.3	25090.2	25.0	-52.6	-59.9	999.9	99.9	99.9	99.9	504.2	504.2	99.9	99.9	108.1	95.
77.1	163.3	25090.2	25.0	-52.6	-59.9	999.9	99.9	99.9	99.9	532.7	532.7	99.9	99.9	109.7	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 18  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	15. 0	181
0.0	9.6	399.0	973.9	3.5	1.5	80.0	5.2	-5.1	-0.9	278.8	290.1	4.4	87.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	12.0	800.3	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.8	14.6	815.1	950.0	1.6	1.2	85.0	7.7	-7.8	-0.7	278.8	290.2	4.4	97.3	0.4	257.0	
2.3	17.2	1034.9	920.0	0.4	0.0	90.8	7.7	-7.5	0.0	279.7	290.5	4.0	97.1	0.7	281.0	
3.0	19.8	1280.7	875.0	0.8	0.2	100.4	7.1	-7.5	1.4	281.1	291.5	4.0	97.1	1.0	285.0	
3.8	22.4	1494.4	850.0	1.6	1.4	123.0	5.1	-5.9	3.9	284.5	298.2	4.5	97.3	1.4	272.0	
4.6	25.0	1735.6	825.0	2.0	1.4	147.0	3.0	-2.8	4.3	288.0	301.3	5.0	97.3	1.6	279.0	
5.5	27.7	1984.4	800.0	1.7	1.4	240.7	2.8	2.7	1.5	290.7	304.5	5.2	96.4	1.7	283.0	
6.4	30.4	2240.3	775.0	0.5	0.1	270.5	3.6	2.7	-0.4	293.0	307.3	5.3	97.3	1.5	284.0	
7.1	33.1	2504.3	750.0	1.4	0.6	255.5	7.5	7.2	-0.0	294.3	307.9	5.0	97.1	1.4	284.0	
8.0	35.8	2778.9	725.0	0.1	0.6	282.0	10.0	9.9	1.9	298.1	312.9	5.3	97.1	1.1	289.0	
9.0	38.6	3057.1	700.0	-0.1	-6.4	282.0	10.0	9.9	1.4	299.4	312.9	5.3	97.1	1.1	289.0	
10.0	41.3	3344.6	675.0	-2.3	-9.8	278.5	10.3	10.2	1.4	299.4	312.9	5.3	97.1	1.1	289.0	
11.0	44.2	3640.2	650.0	-4.8	-20.3	288.9	10.9	10.4	1.2	299.9	312.9	5.3	97.1	1.1	289.0	
11.9	47.1	3945.5	625.0	-8.6	-28.8	289.5	9.9	9.4	-3.1	300.3	312.9	5.3	97.1	1.1	289.0	
13.0	50.0	4281.6	600.0	-9.3	-30.1	288.9	10.4	8.9	-3.3	301.5	312.9	5.3	97.1	1.1	289.0	
14.2	53.0	4589.3	575.0	-11.4	-32.0	284.6	10.9	9.9	-3.4	305.3	312.9	5.3	97.1	1.1	289.0	
15.3	56.0	4929.6	550.0	-12.3	-33.6	289.1	13.6	11.9	-4.9	308.7	312.9	5.3	97.1	1.1	289.0	
16.4	59.1	5283.9	525.0	-14.3	-35.5	299.1	18.4	14.6	-6.8	309.4	312.9	5.3	97.1	1.1	289.0	
17.6	62.3	5652.8	500.0	-15.9	-37.2	290.4	20.9	19.8	-7.4	311.3	312.9	5.3	97.1	1.1	289.0	
19.0	65.5	6038.2	475.0	-17.6	-38.9	280.4	20.9	19.8	-7.4	311.3	312.9	5.3	97.1	1.1	289.0	
20.4	68.9	6441.1	450.0	-20.1	-41.1	282.0	29.6	28.9	-8.1	316.2	312.9	5.3	97.1	1.1	289.0	
21.9	72.3	6882.7	425.0	-23.0	-43.3	277.8	30.5	30.2	-8.1	319.6	312.9	5.3	97.1	1.1	289.0	
23.4	75.7	7304.2	400.0	-26.2	-45.8	276.0	31.9	31.8	-8.1	321.0	312.9	5.3	97.1	1.1	289.0	
25.0	79.3	7769.0	375.0	-28.5	-47.6	276.6	34.9	34.7	-8.1	323.9	312.9	5.3	97.1	1.1	289.0	
26.7	83.0	8259.6	350.0	-32.2	-50.5	275.4	36.2	36.0	-8.1	325.3	312.9	5.3	97.1	1.1	289.0	
28.5	86.8	8778.8	325.0	-36.1	-53.6	274.4	41.8	41.7	-8.1	326.9	312.9	5.3	97.1	1.1	289.0	
30.2	90.8	9329.2	300.0	-40.4	-56.9	271.7	47.8	47.9	-8.1	328.4	312.9	5.3	97.1	1.1	289.0	
31.6	95.0	9917.3	275.0	-44.4	-59.9	269.7	50.7	50.7	-8.1	330.9	312.9	5.3	97.1	1.1	289.0	
34.1	99.4	10551.1	250.0	-48.0	-63.9	269.5	58.1	58.1	-8.1	334.6	312.9	5.3	97.1	1.1	289.0	
36.5	104.0	11237.6	225.0	-53.1	-68.9	272.7	58.1	58.1	-8.1	337.2	312.9	5.3	97.1	1.1	289.0	
39.1	109.0	11990.0	200.0	-55.4	-70.9	272.1	55.9	55.9	-8.1	345.0	312.9	5.3	97.1	1.1	289.0	
41.8	114.5	12846.0	175.0	-54.8	-70.9	273.0	51.9	51.9	-8.1	359.9	312.9	5.3	97.1	1.1	289.0	
45.0	120.2	13827.5	150.0	-56.6	-70.9	280.3	35.3	34.7	-8.1	372.6	312.9	5.3	97.1	1.1	289.0	
48.5	127.0	14971.4	125.0	-61.2	-70.9	289.2	42.2	42.2	-8.1	384.2	312.9	5.3	97.1	1.1	289.0	
52.5	134.3	16349.4	100.0	-62.3	-70.9	277.3	25.3	25.3	-8.1	407.5	312.9	5.3	97.1	1.1	289.0	
57.6	143.0	18121.4	75.0	-65.3	-70.9	300.8	20.8	17.9	-10.7	436.1	312.9	5.3	97.1	1.1	289.0	
65.0	153.3	20621.1	50.0	-80.5	-70.9	268.9	9.7	9.7	0.2	501.1	312.9	5.3	97.1	1.1	289.0	
76.8	164.5	25049.1	25.0	-53.4	-70.9	199.2	9.6	3.2	9.1	631.4	312.9	5.3	97.1	1.1	289.0	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 280  
STEPHENVILLE, TEXAS  
28 MARCH 1982  
515 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	399.0	977.8	2.4	0.1	110.0	5.2	-4.9	1.8	277.3	287.5	4.0	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	-4.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	9.2	422.2	975.0	2.3	0.1	97.8	13.1	-12.9	1.8	277.5	287.7	4.0	95.2	0.5	278.
0.8	11.7	831.6	950.0	0.9	0.3	98.3	13.0	-12.8	1.9	278.1	288.7	4.1	95.8	0.5	278.
1.6	14.3	845.7	925.0	-0.8	-1.3	101.6	13.7	-13.4	2.7	278.6	288.3	3.8	98.3	1.1	278.
2.3	16.9	1084.2	900.0	-1.8	-2.4	106.1	12.3	-11.8	3.4	279.8	288.9	3.6	98.1	1.7	280.
3.0	19.4	1289.9	875.0	-1.5	-0.9	108.1	6.9	-8.4	2.6	285.3	297.7	4.7	95.7	2.2	282.
3.7	22.1	1524.4	850.0	2.3	1.8	113.1	3.7	-3.4	1.5	288.6	304.3	5.1	95.2	2.4	283.
4.6	24.7	1765.9	825.0	1.9	1.3	113.1	1.9	-1.9	-0.5	290.6	304.3	5.1	95.7	2.5	283.
5.4	27.3	2014.0	800.0	0.3	-0.1	99.0	2.0	-0.3	-1.9	291.7	304.4	4.8	95.2	2.4	280.
6.2	30.0	2288.4	775.0	-0.4	-2.9	311.6	7.5	5.6	-5.0	293.3	305.9	3.4	83.7	1.9	270.
7.1	32.8	2531.3	750.0	-0.3	-5.5	309.1	15.3	11.9	-9.7	296.3	306.6	2.9	67.7	1.3	239.
8.1	35.6	2802.5	725.0	-1.1	-7.9	304.9	18.5	13.5	-9.4	298.2	308.5	2.1	59.9	1.1	201.
9.0	38.3	3081.9	700.0	-2.4	-12.8	292.1	12.9	9.9	-4.9	299.9	308.5	2.1	45.2	1.3	167.
10.0	41.1	3370.2	675.0	-3.2	-12.6	289.1	10.4	8.9	-3.4	302.1	307.5	1.0	22.9	1.7	150.
11.0	43.9	3658.3	650.0	-4.0	-22.1	289.2	9.8	9.2	-3.2	306.3	308.6	0.7	17.6	2.1	139.
11.9	46.8	3976.7	625.0	-5.4	-28.2	289.2	9.1	8.5	-3.1	308.3	310.3	0.6	15.7	2.7	133.
13.0	49.8	4298.3	600.0	-6.8	-28.5	285.5	9.4	9.1	-2.5	310.1	312.4	0.6	17.1	3.2	129.
14.1	52.8	4627.5	575.0	-8.4	-29.0	281.8	10.5	10.3	-2.2	310.8	312.4	0.5	15.7	3.8	125.
15.1	55.8	4970.6	550.0	-11.2	-32.2	281.1	11.4	11.2	-2.2	310.8	312.3	0.4	18.9	4.5	118.
16.3	58.9	5325.3	525.0	-14.6	-33.1	281.4	13.2	13.1	-2.6	311.2	312.2	0.3	18.1	5.3	115.
17.5	62.0	5692.1	500.0	-18.0	-37.5	281.4	15.1	15.1	-3.4	312.7	314.6	0.2	14.2	6.3	112.
18.7	65.1	6074.5	475.0	-19.6	-40.0	281.9	18.5	18.5	-2.5	315.9	316.6	0.2	12.6	7.8	112.
20.0	68.3	6474.7	450.0	-21.8	-42.1	276.8	21.0	20.8	-2.5	315.9	316.6	0.2	12.6	9.5	109.
21.3	71.6	6893.6	425.0	-24.0	-45.1	273.1	23.0	23.0	-1.3	318.3	318.8	0.2	12.1	11.4	106.
22.8	75.0	7332.7	400.0	-27.7	-48.0	272.5	23.0	23.0	-1.0	319.0	319.5	0.1	12.3	13.5	104.
24.3	78.6	7793.4	375.0	-31.3	-50.8	264.6	25.6	25.5	2.4	320.2	320.6	0.1	12.7	15.9	100.
25.9	82.1	8278.0	350.0	-35.2	-53.6	262.3	27.8	27.5	3.7	321.2	321.5	0.1	13.2	18.4	98.
27.4	85.9	8790.2	325.0	-38.3	-56.9	262.9	27.0	28.8	3.4	322.5	322.7	0.1	13.3	21.1	95.
29.1	89.7	9333.5	300.0	-43.6	-59.9	266.6	32.3	32.3	1.9	323.9	323.9	99.9	99.9	25.4	95.
31.0	93.8	9913.8	275.0	-47.2	-59.9	268.0	40.0	40.0	1.4	326.9	326.9	99.9	99.9	30.8	93.
33.1	98.0	10538.7	250.0	-51.4	-59.9	267.9	45.0	44.9	-0.4	329.7	329.7	99.9	99.9	37.0	92.
35.4	102.5	11217.3	225.0	-55.2	-59.9	270.5	44.8	44.8	-0.4	334.0	334.0	99.9	99.9	43.6	92.
38.0	107.2	11988.1	200.0	-54.3	-59.9	268.2	41.3	41.3	-0.2	338.8	338.8	99.9	99.9	50.8	92.
40.8	112.4	12825.7	175.0	-54.9	-59.9	270.3	40.7	40.7	-0.2	359.4	359.4	99.9	99.9	57.9	92.
44.0	117.8	13811.1	150.0	-55.2	-59.9	269.5	33.2	33.2	0.3	374.9	374.9	99.9	99.9	64.6	91.
47.8	124.0	14959.4	125.0	-59.4	-59.9	265.0	32.4	32.4	2.8	387.5	387.5	99.9	99.9	71.7	91.
51.8	130.7	16348.8	100.0	-63.5	-59.9	274.8	35.1	35.1	-2.1	405.1	405.1	99.9	99.9	79.1	91.
57.5	138.7	18103.5	75.0	-63.0	-59.9	243.7	18.0	16.1	8.0	440.9	440.9	99.9	99.9	82.1	91.
64.8	148.0	20590.2	50.0	-60.1	-59.9	253.4	8.6	8.2	2.5	501.9	501.9	99.9	99.9	81.6	91.
76.6	159.0	24960.0	25.0	-53.9	-59.9	181.3	9.7	0.2	9.7	629.7	629.7	99.9	99.9	81.6	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS

28 MARCH 1982

1100 GMT  
INTERPOLATED FROM WHOLE MINUTE VALUES

168 15. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	399.0	977.4	3.4	-2.1	50.0	2.6	-2.0	-1.7	278.4	287.1	3.3	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	-2.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.4	419.0	975.0	3.3	-1.8	90.6	2.4	-2.4	0.0	278.5	287.5	3.4	69.1	0.1	325.
0.8	12.0	629.4	950.0	-0.0	-1.0	145.5	2.8	-1.6	2.4	278.5	288.6	4.3	69.8	0.3	244.
1.5	14.6	843.7	925.0	-0.0	-1.7	113.7	7.5	-6.9	3.0	279.3	288.6	3.7	88.5	0.5	263.
2.2	17.2	1063.3	900.0	-0.1	-5.1	123.2	9.4	-7.9	5.2	281.4	289.2	2.9	88.8	0.8	279.
3.0	19.9	1289.1	875.0	1.4	1.3	133.6	7.0	-5.1	4.9	285.2	297.9	4.8	88.8	1.2	290.
3.7	22.6	1523.1	850.0	1.2	1.0	127.2	2.6	-2.1	1.8	287.4	300.2	4.8	99.7	1.4	293.
4.5	25.2	1763.3	825.0	0.8	0.7	77.8	2.5	-2.4	-0.5	289.4	302.5	4.9	99.8	1.5	293.
5.3	28.0	2010.3	800.0	-0.5	-0.5	29.7	3.0	-1.5	-2.8	290.6	303.1	4.6	100.1	1.6	289.
6.2	30.7	2264.8	775.0	1.0	-9.8	328.7	7.7	4.0	-6.5	294.9	304.5	2.4	105.9	1.4	281.
7.0	33.4	2528.8	750.0	1.4	-11.1	318.6	11.9	7.7	-9.1	298.1	304.5	2.2	105.9	1.4	281.
7.9	36.2	2801.2	725.0	0.2	-10.5	318.6	12.6	8.3	-9.5	298.1	304.5	2.2	105.9	1.4	281.
8.7	39.1	3082.0	700.0	-0.8	-14.1	317.1	13.3	8.7	-9.5	301.6	307.0	1.8	105.9	1.4	281.
9.7	41.9	3371.6	675.0	-2.2	-20.1	319.5	12.7	8.3	-10.1	303.2	307.0	1.1	105.9	1.4	281.
10.8	44.9	3670.8	650.0	-3.6	-24.9	312.1	12.6	9.3	-9.7	304.9	307.0	0.8	105.9	1.4	281.
11.8	47.8	3979.2	625.0	-5.7	-25.9	312.1	12.6	11.2	-8.4	305.9	308.3	0.7	105.9	1.4	281.
12.9	50.8	4297.6	600.0	-8.3	-26.7	300.6	13.0	11.9	-6.6	306.6	308.3	0.7	105.9	1.4	281.
13.9	53.8	4626.6	575.0	-10.7	-28.5	287.9	12.5	13.0	-6.6	307.5	309.6	0.6	105.9	1.4	281.
15.1	56.9	4967.3	550.0	-12.3	-33.4	278.9	13.1	13.0	-2.0	309.5	310.9	0.4	105.9	1.4	281.
16.3	60.0	5321.1	525.0	-14.7	-35.8	278.8	14.5	14.4	-1.7	310.7	311.9	0.3	105.9	1.4	281.
17.4	63.1	5688.2	500.0	-17.8	-38.3	278.8	17.2	15.9	-2.9	311.3	312.3	0.3	105.9	1.4	281.
18.7	66.4	6070.4	475.0	-19.9	-40.1	281.8	19.6	19.1	-4.0	313.3	314.2	0.2	105.9	1.4	281.
20.0	69.9	6469.2	450.0	-23.0	-42.7	282.4	21.3	20.8	-4.6	314.4	315.0	0.2	105.9	1.4	281.
21.4	73.3	6885.0	425.0	-26.8	-45.6	281.2	21.3	20.9	-4.1	314.7	315.3	0.1	105.9	1.4	281.
22.8	76.7	7319.6	400.0	-30.2	-48.4	278.8	22.1	21.8	-3.4	315.7	316.1	0.1	105.9	1.4	281.
24.3	80.4	7775.7	375.0	-33.6	-51.2	274.4	22.8	22.7	-1.7	317.1	317.4	0.1	105.9	1.4	281.
26.0	84.2	8256.2	350.0	-37.0	-53.8	276.4	24.5	24.3	-2.7	318.9	319.2	0.1	105.9	1.4	281.
27.8	88.0	8764.2	325.0	-41.3	-56.9	277.3	28.7	28.5	-3.6	319.8	319.9	99.9	99.9	17.5	108.
29.4	92.2	9305.3	300.0	-43.6	-58.9	275.2	33.7	33.5	-3.6	323.9	323.9	99.9	99.9	20.0	108.
31.5	96.4	9885.4	275.0	-47.1	-60.9	274.8	35.4	35.2	-3.0	327.1	327.1	99.9	99.9	23.7	107.
33.9	101.0	10510.8	250.0	-51.7	-62.9	274.8	38.9	38.5	-5.8	329.2	329.2	99.9	99.9	27.6	105.
36.3	105.8	11189.1	225.0	-55.0	-64.9	278.1	36.0	35.7	-5.1	334.2	334.2	99.9	99.9	33.4	103.
39.0	111.0	11937.3	200.0	-58.2	-66.9	281.0	36.3	35.6	-6.9	337.7	337.7	99.9	99.9	38.4	102.
42.1	116.7	12787.6	175.0	-54.7	-68.9	278.4	37.7	37.4	-4.2	343.7	343.7	99.9	99.9	44.2	102.
45.8	123.0	13768.1	150.0	-57.1	-70.9	273.9	33.8	33.7	-2.3	359.7	359.7	99.9	99.9	51.0	101.
49.7	130.0	14915.8	125.0	-58.6	-72.9	274.5	27.5	27.4	-2.2	371.8	371.8	99.9	99.9	58.3	100.
54.1	138.3	16304.2	100.0	-63.1	-74.9	270.1	23.7	23.7	-2.0	405.8	405.8	99.9	99.9	72.1	99.
59.8	148.0	18064.9	75.0	-63.2	-76.9	278.0	16.3	16.1	-2.5	440.5	440.5	99.9	99.9	83.1	98.
67.4	159.0	20552.3	50.0	-59.6	-78.9	208.8	10.1	10.0	-4.2	502.7	502.7	99.9	99.9	94.1	98.
80.3	170.0	24949.8	25.0	-53.5	-80.9	281.6	10.1	10.0	1.5	630.8	630.8	99.9	99.9	94.1	98.

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 281  
DEL RIO, TEXAS  
27 MARCH 1982  
1100 GMT

158 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT K DG K	MX RTO GM/AG	RH PCT	RANGE NM	AZ DG
0.0	9.3	314.0	978.4	9.6	9.0	90.0	5.2	-5.2	0.0	284.5	303.4	7.4	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.7	343.0	975.0	9.5	8.9	97.7	6.8	-6.7	0.9	284.7	303.6	7.4	98.3	0.1	317.
0.6	12.3	558.0	950.0	8.4	8.1	107.4	7.5	-7.1	2.2	285.7	304.2	7.2	98.1	0.4	281.
1.4	14.9	779.2	925.0	7.6	7.3	139.3	5.5	-3.8	4.2	287.1	305.2	7.0	98.0	0.6	284.
2.1	17.6	1006.2	900.0	8.9	8.7	181.9	8.9	0.2	6.9	290.7	311.3	7.9	98.2	0.7	303.
2.6	20.3	1240.2	875.0	8.8	8.5	186.7	9.5	1.4	9.4	292.9	314.0	8.0	98.1	0.9	321.
3.7	23.0	1450.5	850.0	8.5	8.2	193.9	11.6	2.8	11.3	295.0	316.5	8.1	98.1	1.4	340.
4.5	25.6	1727.8	825.0	7.9	7.6	208.3	11.8	5.5	10.2	297.0	318.5	8.0	98.0	1.9	351.
5.4	28.3	1981.9	800.0	7.7	7.3	248.2	12.0	11.0	4.8	301.7	313.1	5.2	98.0	2.3	3.
6.1	31.1	2243.5	775.0	7.3	-3.0	278.4	13.1	12.9	-1.9	305.4	317.8	4.3	98.1	2.4	18.
7.0	33.9	2514.4	750.0	8.2	-2.4	288.6	13.8	13.2	-3.9	307.2	317.8	3.6	98.1	2.4	34.
7.8	36.7	2794.1	725.0	7.1	-5.3	280.2	13.3	13.1	-2.3	309.1	318.1	3.0	98.1	2.7	46.
8.7	39.6	3032.2	700.0	5.9	-8.0	271.5	16.2	16.2	-0.4	309.6	319.2	3.2	98.1	3.3	57.
9.6	42.4	3378.9	675.0	3.5	-7.5	268.8	20.2	20.2	1.1	310.9	321.8	3.7	98.1	4.2	64.
10.7	45.4	3884.4	650.0	1.7	-6.5	260.6	23.0	22.7	3.8	311.7	322.9	3.8	98.1	5.5	69.
11.8	48.4	4399.4	625.0	-0.7	-6.5	257.8	24.6	24.1	5.2	312.2	325.6	4.3	98.1	7.1	71.
12.8	51.4	4924.4	600.0	-3.4	-4.7	262.3	25.2	25.0	0.6	313.9	328.9	4.3	98.1	8.7	72.
14.1	54.5	5460.5	575.0	-5.2	-5.8	268.8	27.4	27.4	0.6	315.6	329.2	4.2	98.1	10.6	75.
15.3	57.6	5909.4	550.0	-6.3	-6.9	271.3	32.4	32.4	-0.8	319.0	330.8	3.8	98.1	12.7	78.
16.7	60.8	6373.0	525.0	-7.8	-8.5	272.9	37.5	37.4	-1.9	320.6	331.0	3.3	98.1	15.5	80.
17.9	64.0	6751.1	500.0	-10.2	-10.9	272.3	40.2	40.2	-1.6	322.2	331.1	2.8	98.1	18.3	82.
19.0	67.3	7145.2	475.0	-12.8	-13.5	271.3	39.6	39.6	-0.9	324.2	330.8	2.0	98.1	20.9	83.
20.2	70.9	7558.4	450.0	-15.1	-18.2	271.1	38.4	38.4	-0.6	325.1	332.1	1.7	98.1	23.7	84.
21.6	74.3	7988.5	425.0	-17.9	-21.0	270.7	36.8	36.8	-0.4	327.5	332.1	1.7	98.1	26.9	85.
23.2	77.9	8437.3	400.0	-21.2	-24.0	270.9	36.2	36.2	-0.6	329.0	330.6	0.7	98.1	30.3	86.
24.8	81.5	8910.7	375.0	-24.7	-31.6	274.3	38.7	38.8	-2.9	331.1	331.5	0.1	98.1	33.7	88.
26.6	85.3	9384.7	350.0	-28.7	-48.0	278.1	40.2	39.8	-5.7	332.0	331.5	0.1	98.1	38.2	89.
28.6	89.2	9934.7	325.0	-33.1	-49.9	279.0	43.5	43.2	-6.2	332.5	332.5	99.9	98.1	42.8	90.
30.4	93.2	10491.9	300.0	-37.9	99.9	277.1	40.4	40.4	-5.3	334.3	333.4	99.9	98.1	47.0	91.
32.1	97.4	10984.5	275.0	-43.3	99.9	277.6	40.4	40.4	-5.3	336.4	333.4	99.9	98.1	51.4	92.
34.2	101.8	11478.1	250.0	-48.9	99.9	282.5	44.6	43.6	-8.7	338.3	333.4	99.9	98.1	56.8	93.
36.4	106.8	11900.4	225.0	-55.0	99.9	289.1	49.2	48.5	-16.1	340.3	333.4	99.9	98.1	62.6	94.
38.9	111.8	12434.4	200.0	-60.9	99.9	289.8	52.3	49.2	-17.7	342.3	333.4	99.9	98.1	69.8	95.
41.5	117.2	12988.8	175.0	-62.2	99.9	282.7	42.4	41.4	-9.3	347.3	333.4	99.9	98.1	77.5	96.
44.7	123.3	13910.1	150.0	-66.6	99.9	285.6	39.6	38.1	-10.6	352.4	333.4	99.9	98.1	84.7	97.
48.3	130.2	15014.7	125.0	-65.9	99.9	285.0	30.2	29.1	-8.9	357.7	333.4	99.9	98.1	92.5	98.
52.9	138.0	16386.2	100.0	-66.5	99.9	289.2	17.1	15.8	-8.9	369.3	333.4	99.9	98.1	106.0	99.
59.0	147.0	18092.3	75.0	-67.3	99.9	284.9	14.1	13.6	-3.6	431.9	333.4	99.9	98.1	126.0	98.
67.3	157.0	20572.0	50.0	-61.3	99.9	195.7	6.6	1.8	6.4	489.0	333.4	99.9	98.1	139.4	99.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 281 DEL RIO, TEXAS														161 6. 1	
27 MARCH 1982 2300 GMT															
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	314.0	977.4	18.3	9.6	100.0	6.2	-6.1	1.1	293.4	313.9	7.7	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	9.1	335.1	975.0	17.9	8.4	247.9	2.8	2.0	1.1	293.1	312.2	7.1	54.0	0.4	290.
0.8	11.6	558.5	950.0	15.4	9.1	183.7	3.1	0.2	3.1	292.9	313.1	7.7	65.8	0.3	298.
1.7	14.1	782.0	925.0	13.0	8.8	120.4	6.3	-5.4	3.2	292.7	313.2	7.7	75.7	0.6	300.
2.7	16.8	1011.9	900.0	11.1	8.3	105.9	5.9	-5.7	1.6	292.9	313.3	7.8	83.0	1.0	299.
3.6	19.2	1247.5	875.0	11.9	4.8	49.9	4.1	-3.1	-2.6	286.2	313.0	6.2	81.9	1.2	293.
4.4	21.8	1491.4	850.0	12.9	1.1	341.8	4.4	1.4	-4.2	289.7	313.3	4.9	44.2	1.0	284.
5.3	24.3	1741.5	825.0	11.2	-0.3	315.7	5.0	3.5	-3.6	300.5	313.3	4.6	45.0	1.0	275.
6.3	27.0	1997.7	800.0	9.9	-1.1	295.7	7.0	6.3	-3.1	301.7	314.3	4.4	48.3	0.7	260.
7.3	29.6	2261.3	775.0	8.6	-5.2	274.3	5.6	5.5	-0.4	303.1	312.8	3.4	37.0	0.4	231.
8.4	32.3	2531.4	750.0	6.4	-6.8	320.1	7.6	4.9	-5.9	303.5	312.5	3.1	38.1	0.3	195.
9.5	35.0	2808.3	725.0	4.1	-9.1	298.9	19.6	17.2	-9.5	303.9	311.8	2.7	37.6	1.1	152.
10.6	37.7	3092.9	700.0	2.2	-18.9	281.0	20.0	19.5	-6.1	305.0	313.1	2.7	42.7	2.4	122.
11.7	40.4	3386.6	675.0	0.4	-21.8	266.8	18.9	15.8	-6.1	308.3	312.3	1.3	42.7	2.4	118.
12.8	43.3	3680.2	650.0	0.4	-18.9	252.5	18.8	18.0	-5.4	309.4	312.7	1.0	17.0	4.7	113.
13.9	46.1	4003.8	625.0	-1.1	-18.9	239.5	23.6	21.1	-4.7	312.2	315.7	1.4	25.3	5.9	111.
15.0	49.0	4328.0	600.0	-3.4	-14.9	229.5	23.3	23.0	-3.8	312.2	315.7	2.0	40.4	7.5	108.
16.3	52.0	4663.7	575.0	-5.0	-23.4	228.7	22.9	22.7	-3.5	314.1	317.4	1.0	22.0	9.2	107.
17.5	55.0	5011.7	550.0	-7.1	-15.6	222.6	24.1	23.5	-5.3	315.6	322.1	2.1	50.8	10.9	107.
18.9	58.0	5372.8	525.0	-9.1	-28.8	281.0	28.0	27.2	-6.8	317.6	319.8	0.7	18.3	13.0	107.
20.4	61.1	5749.2	500.0	-10.5	-31.9	281.0	31.6	31.0	-8.0	320.3	322.1	0.5	15.2	15.6	106.
21.9	64.4	6142.2	475.0	-13.1	-34.0	277.0	33.1	32.8	-4.1	321.8	323.4	0.4	15.3	18.7	105.
23.5	67.6	6552.2	450.0	-15.4	-35.9	277.5	34.9	34.6	-4.5	323.8	325.2	0.4	15.3	21.8	104.
25.0	71.0	6981.0	425.0	-18.2	-36.8	276.7	40.7	40.4	-4.8	325.5	326.9	0.4	17.8	25.1	103.
26.7	74.4	7430.7	400.0	-22.1	-33.3	269.3	42.1	42.1	0.5	326.3	326.9	0.6	34.8	29.3	102.
28.4	77.9	7902.7	375.0	-24.6	-42.1	260.5	44.5	44.2	5.3	329.0	329.9	0.2	18.0	33.5	99.
30.0	81.4	8401.7	350.0	-28.2	-41.7	250.5	45.1	44.4	7.4	330.8	331.8	0.3	25.7	37.8	97.
31.9	85.3	8928.4	325.0	-33.0	-39.9	233.9	41.8	41.6	4.5	331.3	332.6	0.4	49.2	42.6	96.
34.2	89.3	9486.0	300.0	-37.8	-49.3	227.8	42.1	42.0	1.6	332.4	332.5	0.1	27.8	48.1	94.
36.4	93.4	10050.2	275.0	-42.3	-99.9	270.7	42.9*	42.9	-0.5	334.0	334.0	99.9	99.9	53.6	94.
38.8	97.7	10718.7	250.0	-46.9	99.9	271.9	52.7*	52.7	-1.8	336.3	336.3	99.9	99.9	60.6	94.
41.3	102.4	11407.3	225.0	-53.1	99.9	269.4	51.3*	51.3	0.5	337.2	337.2	99.9	99.9	68.1	93.
43.8	107.3	12155.8	200.0	-59.5	99.9	266.9	45.0*	45.0	2.5	338.6	338.6	99.9	99.9	75.9	93.
46.6	112.6	12953.0	175.0	-58.7	99.9	266.9	45.9*	45.9	0.9	343.0	343.0	99.9	99.9	83.5	92.
50.3	118.5	13953.1	150.0	-62.2	99.9	271.8	43.0*	43.0	-1.4	352.9	352.9	99.9	99.9	93.1	92.
54.3	124.7	15083.2	125.0	-61.5	99.9	275.8	32.8*	32.8	-3.3	363.7	363.7	99.9	99.9	102.8	92.
58.7	132.0	16442.7	100.0	-65.3	99.9	271.4	28.1*	28.1	-0.7	401.7	401.7	99.9	99.9	110.2	92.
64.5	140.5	18171.9	75.0	-70.7	99.9	282.2	17.1*	18.7	-3.8	424.7	424.7	99.9	99.9	118.0	93.
72.5	150.0	20646.0	50.0	-81.9	99.9	238.2	7.8*	8.5	-4.3	457.7	457.7	99.9	99.9	121.3	93.
84.9	160.5	25058.0	25.0	-52.8	99.9	320.8	10.3	6.5	-8.0	633.1	633.1	99.9	99.9	123.7	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 261  
DEL RIO, TEXAS

28 MARCH 1982  
100 GMT  
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	ONTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	314.0	984.8	8.3	6.1	140.0	3.1	-2.0	-2.4	282.7	298.1	5.0	86.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	9.9	396.6	975.0	7.4	6.0	335.3	0.8	0.3	-0.6	282.6	298.1	6.0	90.4	0.3	319.
1.2	12.6	610.2	950.0	5.9	5.5	111.4	3.9	-3.6	1.4	283.1	298.6	6.0	97.8	0.4	315.
2.0	15.2	828.5	925.0	4.9	4.6	108.1	6.0	-5.7	1.9	284.3	299.2	5.8	97.8	0.7	305.
2.8	17.9	1052.2	900.0	4.3	3.9	115.6	5.8	-5.0	2.4	285.9	300.7	5.6	97.5	0.9	299.
3.6	20.6	1282.7	875.0	6.0	5.6	142.7	7.0	-4.2	5.5	290.0	307.2	6.5	97.5	1.2	302.
4.4	23.3	1520.2	850.0	4.9	4.5	150.5	7.9	-3.9	6.9	291.3	307.9	6.2	97.1	1.5	309.
5.1	26.0	1763.9	825.0	4.9	-0.6	156.0	7.1	-2.9	6.5	293.8	308.0	4.4	67.3	1.9	313.
5.9	28.8	2015.3	800.0	5.2	-5.1	151.7	5.5	-0.3	4.8	296.7	308.0	3.3	47.2	2.2	317.
6.9	31.6	2274.6	775.0	4.8	-2.3	175.1	3.6	-0.3	3.6	298.9	310.7	2.3	60.2	2.4	318.
7.8	34.4	2542.1	750.0	5.3	-10.6	276.1	3.4	3.3	-0.4	302.4	309.1	2.3	30.6	2.4	320.
8.8	37.2	2818.3	725.0	5.3	-19.1	300.5	5.2	4.5	-2.6	303.6	307.2	1.2	18.9	2.2	323.
9.7	40.1	3102.4	700.0	2.3	-16.5	312.6	8.0	5.9	-5.4	305.0	307.2	1.5	23.4	1.9	326.
10.9	43.0	3394.8	675.0	-0.2	-19.6	308.8	10.2	8.2	-8.1	305.4	313.0	2.5	45.3	1.2	333.
11.9	45.9	3696.4	650.0	-1.5	-15.5	295.1	11.5	10.4	-4.9	307.2	312.6	1.8	33.5	0.8	358.
12.9	48.9	4007.7	625.0	-3.3	-14.1	294.9	13.2	12.0	-5.6	308.7	315.0	2.0	42.8	0.8	54.
14.1	51.9	4329.4	600.0	-5.7	-8.8	288.8	14.6	13.9	-4.2	309.5	319.3	2.3	79.0	1.6	85.
15.1	54.9	4661.9	575.0	-8.3	-10.9	276.4	18.4	18.3	-2.1	310.3	319.0	2.9	81.7	2.5	92.
16.1	58.0	5008.3	550.0	-9.5	-11.9	268.8	22.5	22.5	1.3	312.0	311.4	2.8	82.5	3.8	92.
17.4	61.1	5363.6	525.0	-12.6	-16.0	258.1	24.7	24.2	5.1	313.3	319.8	2.1	75.4	5.8	89.
18.7	64.4	5734.3	500.0	-15.7	-19.9	255.8	26.9	24.2	5.1	313.9	319.8	1.6	68.6	7.5	85.
19.9	67.8	6119.0	475.0	-18.9	-20.3	258.5	28.9	25.4	5.1	314.6	319.8	1.6	88.6	9.4	83.
21.2	71.1	6520.7	450.0	-19.8	-43.0	261.9	28.9	26.7	3.8	318.4	319.1	0.2	10.8	11.3	83.
22.4	74.6	6943.0	425.0	-22.1	-44.6	268.3	32.8	28.4	0.8	320.7	321.3	0.2	10.8	13.5	83.
24.1	78.1	7386.4	400.0	-24.9	-46.4	271.2	32.8	32.8	-0.7	322.7	323.2	0.1	11.4	16.2	85.
25.8	81.8	7852.8	375.0	-28.0	-48.8	270.6	36.4	36.4	-0.4	324.6	325.0	0.1	11.6	20.0	86.
27.7	85.6	8344.8	350.0	-31.9	-51.8	270.2	39.0	39.0	0.2	325.8	326.2	0.1	12.0	24.2	87.
29.5	89.5	8885.3	325.0	-34.7	-53.9	269.8	43.5	43.5	0.2	328.8	329.1	99.9	99.9	28.7	87.
31.5	93.5	9419.6	300.0	-39.0	-53.9	271.9	46.5	46.5	-1.5	330.5	329.9	99.9	99.9	33.8	88.
33.5	97.8	10011.4	275.0	-42.6	-59.9	275.1	50.5	50.5	-4.5	332.2	329.9	99.9	99.9	39.8	88.
36.0	102.3	10550.3	250.0	-47.0	-59.9	278.4	55.2	54.9	-6.1	336.2	329.9	99.9	99.9	47.6	90.
38.4	107.0	11340.1	225.0	-52.5	-59.9	273.5	58.7	58.6	-3.6	338.1	329.9	99.9	99.9	55.9	91.
41.3	112.0	12090.5	200.0	-58.3	-59.9	274.3	58.9*	58.8	-4.3	340.4	329.9	99.9	99.9	66.0	91.
44.2	117.5	12923.3	175.0	-59.8	-59.9	278.0	53.0*	52.5	-7.3	351.3	329.9	99.9	99.9	75.9	92.
47.6	123.5	13890.6	150.0	-61.2	-59.9	281.3	40.3*	39.5	-7.9	364.6	329.9	99.9	99.9	84.9	93.
51.3	130.0	15010.8	125.0	-64.1	-59.9	270.6	38.0*	36.5	-0.4	378.9	329.9	99.9	99.9	93.3	93.
56.5	137.7	16377.1	100.0	-64.5	-59.9	268.7	28.5*	28.5	0.6	403.2	329.9	99.9	99.9	102.3	92.
62.5	146.3	18122.5	75.0	-68.5	-59.9	273.8	13.4*	13.3	-0.9	429.4	329.9	99.9	99.9	110.5	92.
70.5	156.0	20573.3	50.0	-83.7	-59.9	248.9	9.5*	8.9	3.4	493.4	329.9	99.9	99.9	114.5	92.
83.6	166.7	24949.8	25.0	-53.5	-59.9	269.4	9.1	9.1	0.1	531.1	329.9	99.9	99.9	117.2	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
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 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 265  
MIDLAND, TEXAS

27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.7	873.0	912.6	3.9	-0.7	120.0	3.1	-2.7	1.5	284.4	295.0	4.0	72.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	18.9	986.4	900.0	5.8*	3.1	170.5	8.3	-0.5	8.3	287.4	308.7	5.5	99.9	0.6	0.6
1.2	19.5	1217.6	875.0	7.9	3.1	221.2	9.7	6.4	7.3	292.0	312.0	5.5	99.9	0.6	0.6
2.0	22.1	1458.1	850.0	9.4	3.2	263.3	12.1	12.0	1.4	298.4	313.5	5.4	99.9	0.9	0.9
2.8	24.7	1705.4	825.0	9.4	2.0	280.5	14.8	14.6	-2.7	298.8	312.0	5.4	99.9	1.4	1.4
3.7	27.3	1980.6	800.0	6.9	0.1	288.1	17.1	16.2	-5.3	298.5	312.0	4.8	99.9	2.1	2.1
4.6	30.0	2221.1	775.0	5.4	-1.1	294.4	17.0	15.5	-7.0	298.6	312.4	4.6	99.9	2.9	2.9
5.5	32.6	2488.6	750.0	3.6	-2.2	295.5	15.3	13.6	-6.6	300.5	312.5	4.4	99.9	3.7	3.7
6.4	35.3	2732.4	725.0	2.1	-4.7	305.3	12.9	10.6	-7.5	301.8	312.5	3.7	99.9	4.4	4.4
7.4	38.0	3035.4	700.0	-0.4	-6.1	302.3	12.1	10.2	-6.5	302.0	312.1	3.5	99.9	5.0	5.0
8.4	40.8	3335.4	675.0	-2.7	-7.2	293.3	12.2	11.2	-4.9	302.6	312.2	3.3	99.9	5.7	5.7
9.4	43.6	3633.7	650.0	-4.9	-6.9	282.8	13.2	12.6	-2.9	303.5	313.7	3.3	99.9	6.5	6.5
10.5	46.4	3941.4	625.0	-7.0	-9.2	278.7	14.6	14.4	-2.2	304.5	313.4	3.0	99.9	7.4	7.4
11.7	49.3	4258.7	600.0	-9.2	-12.5	280.0	17.8	17.6	-3.1	305.5	312.8	2.4	99.9	8.5	8.5
12.8	52.3	4588.0	575.0	-8.9	-27.8	276.6	23.8	23.6	-2.7	309.6	312.0	0.8	99.9	9.9	9.9
14.0	55.3	4931.1	550.0	-10.2	-27.4	272.4	30.1	30.0	-2.3	312.0	314.3	0.7	99.9	11.9	11.9
15.4	58.4	5290.2	525.0	-9.2	-27.7	270.8	33.9	33.9	-0.5	317.4	319.9	0.7	99.9	14.4	14.4
16.8	61.5	5656.7	500.0	-10.9	-29.1	273.0	35.3	35.2	-1.9	319.7	322.0	0.6	99.9	17.0	17.0
18.1	64.8	6028.3	475.0	-14.2	-31.8	272.3	33.0	33.0	-1.9	320.4	322.3	0.5	99.9	19.9	19.9
19.4	67.9	6406.4	450.0	-16.9	-34.0	270.5	34.1	34.1	-0.3	322.1	323.7	0.4	99.9	22.7	22.7
21.0	71.3	6893.0	425.0	-19.9	-36.6	271.3	34.6	34.6	-0.8	323.5	324.9	0.4	99.9	25.8	25.8
22.7	74.7	7340.3	400.0	-23.0	-31.0	268.6	38.2	38.2	0.9	325.1	327.6	0.7	99.9	29.5	29.5
24.4	78.2	7810.0	375.0	-26.1	-30.8	271.4	47.9	47.9	-1.2	327.1	329.8	0.8	99.9	33.6	33.6
26.2	81.9	8305.9	350.0	-29.6	-41.9	270.1	51.3*	51.3	-0.1	328.9	329.9	0.3	99.9	39.5	39.5
28.3	85.7	8830.3	325.0	-33.8	-42.1	269.4	58.5*	58.5	0.6	330.2	331.2	0.3	99.9	45.9	45.9
30.2	89.7	9355.5	300.0	-38.8	-46.6	272.4	53.4*	53.4	-2.2	330.8	331.5	0.2	99.9	52.4	52.4
32.4	93.8	9877.2	275.0	-43.2	-46.6	272.4	59.1*	59.1	-6.8	332.6	332.6	0.2	99.9	60.0	60.0
34.9	98.2	10612.6	250.0	-47.9	-49.9	280.2	59.6*	59.6	-10.5	334.8	334.8	0.2	99.9	68.3	68.3
37.3	102.6	11299.1	225.0	-53.6	-53.6	280.2	59.2*	59.2	-12.2	336.4	336.4	0.2	99.9	77.5	77.5
39.9	107.4	12047.4	200.0	-58.3	-59.9	279.3	57.9*	57.9	-9.4	340.5	339.9	0.2	99.9	87.2	87.2
43.1	112.4	12889.7	175.0	-58.8	-59.9	280.4	60.1*	59.1	-10.9	352.9	339.9	0.2	99.9	98.9	98.9
46.6	118.0	13847.7	150.0	-61.8	-59.9	280.8	34.1*	33.5	-6.4	363.6	339.9	0.2	99.9	108.2	108.2
50.6	124.0	14989.4	125.0	-63.1	-59.9	278.8	32.0*	31.7	-4.9	380.7	339.9	0.2	99.9	118.8	118.8
55.4	131.0	16348.0	100.0	-63.1	-59.9	310.5	31.3*	23.8	-20.3	405.8	339.9	0.2	99.9	127.4	127.4
61.1	138.7	18106.6	75.0	-66.0	-59.9	313.4	13.7*	10.0	-9.4	434.6	339.9	0.2	99.9	131.1	131.1
69.8	148.0	20598.4	50.0	-59.7	-59.9	317.6	12.4*	2.6	-12.1	452.9	339.9	0.2	99.9	135.4	135.4
83.4	158.0	24992.3	25.0	-51.6	-59.9	350.0	8.1*	1.4	-8.0	635.9	339.9	0.2	99.9	135.4	135.4

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
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STATION NO. 285  
MIDLAND, TEXAS  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP N/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0 0	15.7	873.0	914.7	5.0	0.6	60.0	3.1	-2.7	-1.5	285.3	296.9	4.4	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	17.3	1005.3	925.0	4.7	0.4	99.9	99.9	99.9	99.9	286.4	298.1	4.4	73.9	99.9	99.9
1.2	19.9	1235.7	900.0	7.2	1.6	99.9	99.9	99.9	99.9	291.3	304.5	4.9	67.3	99.9	99.9
1.8	22.6	1475.4	850.0	8.4	1.5	99.9	99.9	99.9	99.9	295.0	308.7	5.0	61.7	99.9	99.9
2.6	25.2	1722.2	825.0	8.1	0.4	99.9	99.9	99.9	99.9	297.2	310.4	4.8	58.0	99.9	99.9
3.5	27.9	1975.7	800.0	6.5	-1.0	326.6	10.9	8.5	-8.8	298.0	310.5	4.4	58.6	1.0	104.
4.2	30.7	2231.5	775.0	4.4	-2.4	333.6	7.1	5.0	-7.6	298.0	310.5	4.4	58.6	1.0	104.
5.0	33.4	2501.6	750.0	2.2	-3.2	317.9	5.0	3.1	-6.3	298.5	310.3	4.1	61.2	1.7	123.
5.9	36.2	2774.6	725.0	0.4	-8.9	304.1	5.9	4.9	-3.7	298.9	308.9	3.1	67.8	2.0	127.
6.7	39.0	3055.3	700.0	-1.6	-9.0	290.7	7.0	6.8	-3.3	299.9	308.8	2.8	58.0	2.3	127.
7.6	41.9	3343.6	675.0	-4.1	-10.5	286.5	9.3	8.9	-2.6	300.7	308.5	2.5	57.1	2.6	126.
8.5	44.8	3640.9	650.0	-6.6	-19.9	285.3	12.8	12.3	-3.4	301.0	308.5	1.2	60.9	3.0	123.
9.4	47.8	3948.5	625.0	-8.7	-23.6	284.9	15.4	14.9	-4.0	303.8	307.6	0.9	29.0	3.5	120.
10.4	50.8	4265.6	600.0	-10.2	-25.8	283.8	18.0	17.5	-4.3	304.8	307.6	0.7	24.7	4.3	118.
11.4	53.8	4584.3	575.0	-12.3	-29.2	282.7	21.1	20.5	-5.0	305.5	307.6	0.6	22.2	5.3	115.
12.4	56.9	4935.1	550.0	-14.3	-31.2	282.7	24.2	23.5	-5.0	307.9	307.6	0.5	19.3	6.4	113.
13.7	60.0	5289.9	525.0	-16.3	-31.5	280.9	26.8	26.2	-5.4	309.5	311.2	0.5	18.4	7.8	110.
15.0	63.3	5663.2	500.0	-18.5	-34.2	276.6	31.4	30.6	-3.5	313.6	319.4	0.4	17.8	9.8	106.
16.2	66.6	6053.0	475.0	-20.7	-36.8	275.4	33.0	32.8	-3.1	319.4	320.9	0.4	17.0	12.1	104.
17.6	70.0	6459.1	450.0	-23.0	-39.3	271.0	33.1	32.1	-0.5	320.3	321.5	0.3	18.1	14.4	103.
19.0	73.4	6883.5	425.0	-25.2	-40.8	270.2	37.5	37.5	-0.2	321.4	322.5	0.3	19.5	17.0	101.
20.4	77.0	7327.7	400.0	-27.4	-42.3	274.9	41.8	41.6	-3.6	323.6	324.6	0.3	21.0	20.5	100.
22.0	80.7	7796.1	375.0	-30.8	-43.1	274.0	47.4	47.3	-3.3	326.0	327.1	0.3	23.0	23.1	99.
23.6	84.4	8290.0	350.0	-34.3	-45.5	270.1	54.3	54.3	-0.1	327.3	328.3	0.3	25.0	26.1	98.
25.1	88.3	8812.4	325.0	-37.1	-48.1	268.7	54.7	54.7	1.2	329.5	330.4	0.3	27.0	30.4	97.
26.9	92.3	9368.9	300.0	-41.4	-51.9	274.1	57.0	56.8	-4.1	333.1	333.9	0.2	29.9	35.2	96.
28.7	96.5	9964.9	275.0	-46.2	-55.9	277.5	60.8*	60.3	-7.9	335.3	339.9	99.9	99.9	40.8	96.
30.6	101.0	10505.1	250.0	-52.1	-59.9	277.2	68.0*	68.5	-8.5	338.7	340.8	99.9	99.9	53.5	96.
32.7	105.6	11297.0	225.0	-58.1	-64.8	276.9	69.0*	68.5	-8.3	340.8	340.8	99.9	99.9	62.1	96.
34.8	110.6	12049.4	200.0	-58.3	-69.9	277.3	50.2*	49.8	-6.4	358.9	358.9	99.9	99.9	70.7	96.
37.3	115.8	12889.4	175.0	-58.6	-74.8	278.0	42.2*	41.8	-5.0	367.4	367.4	99.9	99.9	80.6	95.
40.1	121.5	13884.1	150.0	-63.2	-79.9	279.0	41.3*	40.8	-5.0	380.5	380.5	99.9	99.9	88.6	95.
43.4	127.7	14988.0	125.0	-68.2	-84.8	280.0	32.0*	31.7	-8.8	403.8	403.8	99.9	99.9	94.8	97.
47.1	134.5	16367.2	100.0	-84.2	-99.9	287.9	19.6*	18.7	-8.0	438.4	438.4	99.9	99.9	103.7	97.
51.9	142.0	18134.1	75.0	-81.0	-99.9	341.8	7.9*	2.5	-7.5	499.7	499.7	99.9	99.9	109.7	98.
56.3	150.0	20606.1	50.0	-81.0	-99.9	341.8	7.9*	2.5	-7.5	499.7	499.7	99.9	99.9	114.8	98.
60.3	158.7	23006.7	25.0	-54.8	-99.9	258.3	16.8	16.5	-3.4	627.4	627.4	99.9	99.9	115.8	98.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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STATION NO. 285  
MIDLAND, TEXAS

27 MARCH 1982  
1700 GMT

152 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	873.0	915.3	15.6	4.3	10.0	1.8	-0.3	-1.6	296.2	311.8	5.7	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	15.4	1015.3	900.0	13.0	2.5	99.9	99.9	99.9	99.9	294.9	308.8	5.1	48.8	99.9	99.9
1.3	17.7	1251.3	875.0	11.3	2.1	99.9	99.9	99.9	99.9	295.5	309.6	5.1	53.3	99.9	99.9
2.0	20.1	1493.2	850.0	11.0	1.5	99.9	99.9	99.9	99.9	297.7	311.5	5.0	51.8	99.9	99.9
2.6	22.5	1741.7	825.0	9.2	1.5	99.9	99.9	99.9	99.9	298.3	311.3	4.6	52.3	99.9	99.9
3.5	24.9	1995.9	800.0	7.2	-2.4	315.1	5.5	3.8	-4.5	298.8	310.1	4.0	50.4	99.9	99.9
4.2	27.4	2256.3	775.0	4.9	-3.8	314.1	6.4	4.6	-4.4	299.1	309.8	3.7	53.1	99.9	99.9
5.2	30.0	2522.6	750.0	2.6	-7.1	309.1	7.4	5.7	-4.6	299.4	308.1	3.0	48.8	99.9	99.9
6.1	32.6	2796.2	725.0	1.1	-9.7	292.7	6.1	5.2	-2.3	300.7	308.0	2.5	44.2	99.9	99.9
7.0	35.2	3077.4	700.0	-1.3	-9.0	280.4	5.3	5.2	-2.3	301.0	309.1	2.8	55.8	99.9	99.9
8.0	37.9	3365.9	675.0	-4.1	-8.1	275.5	6.0	6.0	-0.6	301.1	309.9	3.1	73.5	99.9	99.9
9.0	40.7	3682.7	650.0	-5.6	-14.6	280.5	9.9	9.8	-1.9	302.6	308.4	1.9	49.5	99.9	99.9
10.1	43.4	3970.3	625.0	-6.1	-23.7	286.0	14.5	14.0	-4.0	305.5	308.3	0.9	23.2	99.9	99.9
11.3	46.4	4289.1	600.0	-7.0	-26.5	286.9	18.6	17.8	-5.4	308.1	310.4	0.7	19.3	99.9	99.9
12.6	49.4	4620.3	575.0	-8.3	-27.5	287.9	21.5	20.4	-6.6	310.2	312.5	0.7	19.3	99.9	99.9
13.8	52.4	4963.9	550.0	-10.4	-28.1	288.2	25.1	23.8	-7.8	311.7	314.0	0.7	21.8	99.9	99.9
15.0	55.5	5321.2	525.0	-11.9	-30.4	288.7	28.8	27.6	-8.3	314.2	316.1	0.6	19.6	99.9	99.9
16.3	58.9	5694.1	500.0	-12.5	-31.4	283.2	30.4	29.6	-7.0	317.9	319.7	0.5	18.7	99.9	99.9
17.6	62.3	6094.8	475.0	-14.8	-33.3	277.0	30.0	29.8	-3.7	319.7	321.4	0.5	18.8	99.9	99.9
19.1	65.7	6491.7	450.0	-17.6	-35.7	273.7	30.4	30.3	-1.9	321.1	323.1	0.4	18.7	99.9	99.9
20.5	69.3	6918.7	425.0	-21.1	-38.6	272.8	31.3	31.2	-1.5	322.0	323.5	0.3	18.7	99.9	99.9
22.1	73.1	7361.0	400.0	-24.9	-41.6	275.6	34.4	34.2	-4.0	322.6	323.5	0.2	19.2	99.9	99.9
23.6	77.0	7828.3	375.0	-28.9	-43.1	280.9	38.3	37.6	-7.3	326.0	328.8	0.2	19.7	99.9	99.9
25.2	81.0	8323.3	350.0	-32.8	-46.4	277.6	44.6	44.2	-5.9	330.0	330.6	0.2	18.3	99.9	99.9
26.9	85.3	8849.4	325.0	-38.0	-49.5	270.1	49.0	49.0	-0.1	331.2	331.7	0.1	17.2	99.9	99.9
28.8	89.8	9408.7	300.0	-43.1	-51.4	268.7	52.6	52.5	3.0	334.5	334.9	0.1	18.8	99.9	99.9
30.7	94.6	10007.6	275.0	-40.2	-51.9	271.5	54.1	54.1	-1.5	337.0	337.9	99.9	99.9	99.9	99.9
32.8	99.6	10650.6	250.0	-45.7	-55.9	272.5	63.5*	63.4	-2.8	338.2	339.9	99.9	99.9	99.9	99.9
34.9	104.8	11344.1	225.0	-50.9	-59.9	273.8	70.7*	70.5	-4.6	340.8	342.8	99.9	99.9	99.9	99.9
37.2	110.5	12099.5	200.0	-56.8	-63.9	274.0	81.3*	81.2	-4.3	342.8	344.8	99.9	99.9	99.9	99.9
39.9	116.5	12951.5	175.0	-64.0	-68.9	275.8	85.8*	85.5	-5.6	346.7	348.7	99.9	99.9	99.9	99.9
42.7	122.7	13935.4	150.0	-71.1	-74.0	280.9	96.6*	96.6	-6.8	351.6	353.6	99.9	99.9	99.9	99.9
46.2	129.5	15083.0	125.0	-80.7	-83.9	281.8	107.7*	107.7	-8.9	385.1	387.1	99.9	99.9	99.9	99.9
50.2	136.7	16469.3	100.0	-82.3	-86.3	288.0	129.4*	129.4	-9.1	407.4	409.4	99.9	99.9	99.9	99.9
55.0	144.0	18247.1	75.0	-83.3	-89.9	277.3	18.2*	18.0	-2.3	440.2	442.2	99.9	99.9	99.9	99.9
61.7	151.7	20747.6	50.0	-88.8	-99.9	231.1	10.5*	8.2	6.6	504.9	506.9	99.9	99.9	99.9	99.9
71.9	159.7	25177.2	25.0	-92.2	-99.9	99.9	99.9	99.9	99.9	635.0	637.0	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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STATION NO. 285  
MIDLAND, TEXAS

27 MARCH 1982  
2000 GMT

147 16. 0

TIME MIN	ONCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.5	873.0	914.0	19.4	1.4	110.0	2.1	-2.0	0.7	300.2	313.2	4.6	30.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	16.9	1005.1	900.0	17.4	1.5	999.9	99.9	99.9	99.9	299.5	312.8	4.8	34.3	99.9	99.9
1.2	19.4	1244.5	875.0	15.2	0.9	999.9	99.9	99.9	99.9	299.6	312.7	4.7	37.7	99.9	99.9
1.8	21.9	1489.4	850.0	13.5	0.9	999.9	99.9	99.9	99.9	300.3	313.8	4.8	42.1	99.9	99.9
2.3	24.4	1739.8	825.0	11.1	0.3	999.9	99.9	99.9	99.9	300.3	313.7	4.8	47.3	99.9	99.9
2.8	27.0	1995.6	800.0	8.8	-0.3	291.2	3.0	2.8	-0.4	300.5	313.7	4.7	52.8	0.2	136
3.3	29.6	2257.3	775.0	5.8	-1.0	278.2	2.7	2.6	-0.4	300.1	313.1	4.6	57.7	0.3	127
3.8	32.2	2524.6	750.0	3.1	-1.4	252.3	2.6	2.5	0.8	299.3	313.0	4.6	61.7	0.3	123
4.4	34.8	2798.4	725.0	0.5	-2.5	244.8	4.4	4.0	1.9	300.0	312.4	4.4	67.2	0.4	115
5.3	37.6	3079.3	700.0	-1.8	-5.1	253.6	7.8	7.4	2.2	300.5	311.2	3.7	80.7	0.5	105
6.1	40.2	3367.6	675.0	-3.3	-10.3	287.2	10.5	10.5	0.5	301.2	308.8	2.6	82.5	1.2	86
6.9	43.0	3665.7	650.0	-4.0	-20.4	284.1	13.3	12.9	-3.2	305.2	308.9	1.2	85.1	1.8	90
8.0	45.8	3975.4	625.0	-4.4	-21.6	289.7	16.6	15.6	-5.6	307.4	310.8	1.1	87.7	2.7	97
9.2	48.6	4298.0	600.0	-6.0	-22.5	290.8	18.9	17.7	-8.7	309.2	312.5	1.0	90.1	3.9	101
10.3	51.4	4628.2	575.0	-7.6	-24.9	291.7	20.9	19.4	-7.7	311.1	313.9	0.9	93.4	5.3	104
11.5	54.4	4972.1	550.0	-9.1	-26.8	292.3	22.8	21.1	-8.7	313.3	315.9	0.8	96.1	6.8	106
12.6	57.4	5311.6	525.0	-11.1	-29.3	291.3	24.5	22.8	-8.9	315.1	317.2	0.6	98.6	8.4	107
13.5	60.4	5651.3	500.0	-12.7	-30.6	288.3	25.3	24.0	-7.9	317.6	319.6	0.5	101.7	9.8	107
14.8	63.5	5994.9	475.0	-15.5	-32.9	284.9	26.9	24.0	-6.4	318.8	320.5	0.4	104.7	11.7	107
16.1	66.8	6339.9	450.0	-19.3	-35.8	278.8	28.4	26.0	-4.0	319.0	320.4	0.3	107.8	13.6	105
17.3	70.0	6682.0	425.0	-22.4	-38.2	274.5	27.3	27.2	-2.1	320.3	321.5	0.3	110.5	15.6	104
18.6	73.4	7024.7	400.0	-25.6	-40.9	275.8	29.9	29.7	-3.0	321.7	322.7	0.3	113.4	17.8	103
19.9	76.9	7367.8	375.0	-27.3	-42.3	278.6	37.0	36.6	-5.5	325.4	326.3	0.2	116.3	20.4	103
21.5	80.4	7710.8	350.0	-31.1	-45.3	279.1	43.2	42.7	-6.8	326.9	327.6	0.2	119.2	24.1	102
23.2	84.1	8054.5	325.0	-35.6	-48.8	272.6	51.6	51.5	-2.3	327.7	328.2	0.1	122.1	28.8	102
24.7	88.0	8408.5	300.0	-39.0	-51.4	267.1	52.4	52.4	-2.7	327.7	328.2	0.1	125.0	33.6	100
26.3	92.0	8762.5	275.0	-43.6	-54.8	267.1	54.8	54.8	-0.4	330.5	330.5	0.1	128.0	38.6	98
28.0	96.3	9116.6	250.0	-47.5	-58.9	270.5	61.7	61.7	-0.9	332.2	332.2	99.9	131.0	44.3	97
30.1	100.8	9470.6	225.0	-52.9	-62.7	271.8	69.6	69.6	-0.8	335.4	335.4	99.9	134.0	52.4	96
32.4	105.5	9824.2	200.0	-55.3	-66.1	270.6	77.5	77.5	-0.7	337.4	337.4	99.9	137.0	61.0	95
35.2	110.6	10178.5	175.0	-53.1	-69.9	271.1	85.4	85.4	-1.1	342.3	342.3	99.9	140.0	70.9	95
38.1	116.0	10532.6	150.0	-52.2	-73.1	285.5	93.3	93.3	-1.9	380.2	380.2	99.9	143.0	81.4	95
41.6	122.3	10886.6	125.0	-60.1	-80.1	273.1	101.2	101.2	-1.7	386.2	386.2	99.9	146.0	93.4	95
46.2	128.3	11240.6	100.0	-63.4	-83.4	280.0	109.1	109.1	-4.6	405.3	405.3	99.9	149.0	100.2	95
51.6	134.3	11594.6	75.0	-65.8	-85.8	221.4	117.0	117.0	7.5	435.1	435.1	99.9	152.0	108.9	95
58.8	146.5	12248.6	50.0	-58.9	-78.9	223.4	125.0	125.0	0.9	504.7	504.7	99.9	155.0	117.1	94
70.3	157.0	25178.8	25.0	-48.2	-68.2	249.0	2.6	2.5	0.9	646.1	646.1	99.9	158.0	126.1	94

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27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	14.1	873.0	913.3	20.6	2.4	80.0	3.6	-3.5	-0.6	301.5	315.6	5.0	30.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.3	999.2	900.0	18.5	2.3	88.9	4.5	-4.2	-1.6	300.6	314.7	5.0	33.9	0.2	247.0
1.9	17.9	1239.7	850.0	14.0	2.2	72.0	4.5	-4.4	-1.4	300.8	315.0	5.2	39.2	0.3	249.0
2.6	22.3	1485.0	825.0	11.5	1.6	82.8	4.5	-4.5	-0.6	300.8	314.6	4.9	42.9	0.5	249.0
3.2	24.7	1735.9	800.0	9.1	-0.2	111.6	3.9	-4.2	1.7	300.8	314.1	4.7	47.4	0.7	256.0
3.9	27.1	1992.0	775.0	7.1	-0.7	155.9	3.5	-1.6	3.5	301.4	314.7	4.7	52.1	0.8	255.0
4.9	29.6	2254.3	750.0	4.1	-2.1	198.7	4.4	1.1	3.4	301.4	313.5	4.1	57.5	0.8	255.0
5.8	32.2	2522.7	725.0	1.8	-3.5	232.1	7.0	2.8	4.3	301.4	313.1	4.1	63.8	0.7	250.0
6.7	34.8	2797.5	700.0	-0.8	-4.7	242.0	8.4	5.5	4.0	301.4	312.8	3.9	67.9	0.7	251.0
7.6	37.4	3079.6	675.0	-3.3	-4.9	243.9	8.8	7.9	3.9	302.0	312.3	3.6	74.0	1.0	17.0
8.5	40.1	3366.8	650.0	-5.6	-6.7	254.2	10.4	10.0	2.8	302.6	312.9	3.6	88.6	1.3	35.0
9.5	43.0	3686.2	625.0	-7.5	-15.5	273.7	14.2	14.2	-0.9	303.9	309.4	1.8	92.1	1.9	51.0
10.8	45.8	3973.2	600.0	-7.3	-21.6	289.4	18.1	17.1	-6.0	307.7	311.2	1.1	92.5	2.8	72.0
12.0	48.8	4291.6	575.0	-6.8	-23.4	298.0	19.7	17.4	-9.2	312.0	315.3	1.0	92.1	4.0	86.0
13.2	51.8	4623.1	550.0	-7.7	-24.7	299.1	19.1	16.7	-9.2	314.9	318.0	0.9	92.5	5.2	95.0
14.4	54.9	4969.8	525.0	-10.3	-27.0	293.6	19.1	17.5	-7.6	316.0	319.7	0.8	92.9	6.5	99.0
15.9	58.1	5329.8	500.0	-12.2	-29.0	290.0	20.3	19.1	-7.0	317.0	319.3	0.7	92.5	7.9	101.0
16.9	61.4	5703.4	475.0	-16.4	-31.5	287.9	19.8	18.8	-6.1	317.7	319.6	0.6	92.5	9.4	102.0
18.2	64.9	6092.0	450.0	-20.0	-34.6	281.4	21.9	21.4	-4.3	318.2	319.7	0.4	92.5	11.1	103.0
19.7	68.4	6495.7	425.0	-22.7	-37.0	280.1	23.7	23.3	-4.1	319.3	321.2	0.4	92.5	13.1	102.0
21.2	72.2	6917.4	400.0	-25.3	-39.2	281.7	24.8	24.3	-5.0	322.1	323.2	0.3	92.5	15.2	102.0
23.0	76.0	7359.4	375.0	-27.9	-41.5	285.4	32.3	31.2	-8.0	324.8	325.6	0.3	92.5	18.3	102.0
25.0	80.2	8317.6	350.0	-31.8	-44.8	281.7	39.2	38.4	-8.0	325.9	328.0	0.2	92.5	22.6	103.0
26.8	84.3	8837.6	325.0	-35.7	-48.0	273.9	43.9	43.8	-3.0	327.5	328.0	0.1	92.5	27.0	102.0
28.6	88.8	9369.0	300.0	-40.2	-48.0	266.5	48.8	48.7	3.0	328.7	328.0	99.9	99.9	31.9	102.0
30.6	93.5	9977.6	275.0	-44.2	-49.9	266.0	53.1	52.9	3.7	331.2	328.0	99.9	99.9	36.0	98.0
32.6	98.2	10610.8	250.0	-48.4	-49.9	267.6	57.4	57.4	2.6	334.2	328.0	99.9	99.9	40.4	98.0
35.1	103.5	11296.1	225.0	-54.2	-49.9	267.6	61.5	61.5	2.6	335.5	328.0	99.9	99.9	45.4	98.0
37.6	109.0	12046.1	200.0	-54.2	-49.9	268.0	55.0*	55.0	1.9	337.0	328.0	99.9	99.9	50.4	95.0
40.8	115.0	12902.9	175.0	-54.7	-49.9	269.7	50.1*	50.1	0.3	339.7	328.0	99.9	99.9	55.1	94.0
43.9	121.2	13887.6	150.0	-55.2	-49.9	273.8	43.6*	43.6	-2.9	357.0	328.0	99.9	99.9	60.1	93.0
47.6	128.0	15039.2	125.0	-60.3	-49.9	263.0	31.3*	31.1	3.8	385.8	328.0	99.9	99.9	65.1	93.0
52.2	135.2	16411.2	100.0	-63.9	-49.9	268.6	31.8*	31.7	0.8	404.3	328.0	99.9	99.9	70.1	92.0
57.9	142.7	18176.2	75.0	-65.1	-49.9	268.6	15.8*	15.2	-4.4	436.5	328.0	99.9	99.9	75.1	92.0
65.3	151.0	20660.7	50.0	-61.2	-49.9	302.2	10.0*	8.5	-5.3	499.3	328.0	99.9	99.9	80.1	92.0
76.6	159.3	25084.5	25.0	-52.1	-49.9	999.9	99.9	99.9	99.9	835.2	328.0	99.9	99.9	85.1	93.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 285 MIDLAND, TEXAS														158	8.	0
28 MARCH 1982																
215 GMT																
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	16.1	873.0	918.1	7.8	4.6	80.0	9.2	-9.1	-1.6	287.9	303.2	5.8	80.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.5	18.0	1036.9	900.0	5.8	4.7	87.2	12.4	-12.4	-0.6	287.5	302.9	8.0	92.9	0.4	264.	
1.2	20.6	1257.1	875.0	4.0	3.5	86.4	13.1	-13.1	-0.8	288.0	302.9	5.7	96.6	0.9	264.	
2.1	23.6	1502.4	850.0	2.2	1.7	93.2	12.2	-12.2	0.7	288.5	302.1	5.1	96.4	1.6	265.	
2.8	26.3	1744.6	825.0	5.9	4.8	122.9	9.2	-7.6	5.0	284.9	312.5	6.6	92.6	2.1	268.	
3.8	29.1	1997.3	800.0	6.3	-2.3	166.9	5.2	-1.2	5.1	297.9	309.2	4.0	54.0	2.2	282.	
4.5	32.0	2257.0	775.0	4.8	-15.8	229.5	5.5	4.5	3.8	298.9	303.3	1.4	20.8	1.9	288.	
5.4	34.9	2523.1	750.0	2.8	-19.2	259.1	8.0	7.9	1.5	299.6	303.1	1.1	17.9	1.5	293.	
6.2	37.8	2796.4	725.0	0.8	-21.1	271.3	9.7	9.7	-0.2	300.3	304.2	1.0	17.5	1.1	305.	
7.0	40.8	3077.1	700.0	-0.9	-23.0	259.0	12.5	12.2	2.4	301.5	307.8	0.9	16.8	0.9	349.	
7.9	43.7	3367.1	675.0	-1.2	-21.9	270.0	14.1	13.8	2.6	304.3	307.8	1.0	18.9	1.1	349.	
8.8	46.7	3666.7	650.0	-3.5	-23.3	270.0	15.4	15.4	0.0	305.0	307.8	0.9	19.7	1.1	349.	
9.7	49.8	3975.3	625.0	-5.5	-28.3	280.6	15.9	15.8	-2.9	306.2	308.1	0.6	14.5	1.7	349.	
10.8	52.9	4295.5	600.0	-7.0	-32.4	289.4	14.1	13.3	-4.7	309.6	310.2	0.2	3.6	2.5	349.	
11.8	55.9	4628.6	575.0	-9.2	-37.0	295.9	12.0	10.8	-5.2	311.8	312.3	0.2	4.1	3.1	349.	
12.7	59.1	4973.8	550.0	-11.4	-43.2	294.8	13.9	12.7	-5.8	314.7	313.7	0.1	4.3	3.8	349.	
13.7	62.4	5332.1	525.0	-14.5	-48.5	290.4	15.7	14.7	-5.8	315.3	315.7	0.1	4.4	4.6	349.	
14.9	65.7	5703.9	500.0	-17.2	-54.9	287.6	18.2	17.4	-5.5	316.7	317.0	0.1	4.6	5.7	349.	
16.0	69.0	6090.4	475.0	-19.9	-58.1	286.8	18.7	17.9	-5.4	318.2	318.5	0.1	5.1	8.4	101.	
17.4	72.6	6494.2	450.0	-23.9	-62.1	281.9	19.6	19.2	-4.1	318.3	318.6	0.1	5.4	10.0	102.	
18.9	76.1	6914.7	425.0	-27.4	-66.1	277.6	21.6	21.4	-2.8	319.4	319.6	0.1	5.6	11.8	102.	
20.3	79.7	7354.4	400.0	-30.2	-68.4	273.1	22.5	22.5	-0.3	321.6	321.8	0.0	5.9	14.0	102.	
21.9	83.5	7816.1	375.0	-33.6	-71.1	270.8	26.6	26.6	-1.5	323.4	323.6	0.0	6.2	16.5	99.	
23.7	87.4	8303.5	350.0	-37.5	-74.4	273.1	28.6	28.6	-3.6	324.9	324.9	99.9	99.9	19.7	98.	
25.5	91.5	8819.3	325.0	-40.7	-77.9	270.0	33.7	33.5	-0.0	328.0	328.0	99.9	99.9	24.0	98.	
27.4	95.8	9367.4	300.0	-44.9	-81.9	267.0	41.9	41.9	2.5	330.2	330.2	99.9	99.9	29.5	98.	
29.5	100.2	9954.8	275.0	-49.5	-86.9	266.0	46.8	46.5	3.3	332.5	332.5	99.9	99.9	35.5	94.	
31.6	104.7	10585.8	250.0	-53.1	-91.9	266.0	47.0	46.9	3.2	337.1	337.1	99.9	99.9	41.4	93.	
33.8	109.6	11269.8	225.0	-56.8	-96.9	267.0	45.2	45.1	2.3	347.5	347.5	99.9	99.9	48.2	93.	
36.3	114.6	12025.4	200.0	-59.9	-101.9	266.4	45.3	45.2	2.9	350.2	350.2	99.9	99.9	55.2	91.	
38.0	120.2	12883.6	175.0	-64.4	-106.9	266.4	38.8	38.8	-1.7	372.3	372.3	99.9	99.9	62.3	91.	
42.2	126.2	13865.5	150.0	-68.8	-111.9	272.5	34.8	34.8	5.4	383.1	383.1	99.9	99.9	70.0	91.	
45.5	132.7	15012.3	125.0	-71.8	-116.9	270.5	32.9	32.7	-3.5	407.5	407.5	99.9	99.9	78.1	90.	
49.7	140.0	16388.5	100.0	-75.7	-121.9	270.2	10.0	10.0	-0.0	435.2	435.2	99.9	99.9	84.6	91.	
54.7	148.3	18157.0	75.0	-81.2	-126.9	270.2	6.5	4.8	-4.5	499.4	499.4	99.9	99.9	86.7	91.	
60.8	157.3	20632.9	50.0	-81.2	-126.9	270.2	6.5	4.8	-4.5	499.4	499.4	99.9	99.9	86.7	91.	
73.5	167.0	25015.5	25.0	-81.2	-126.9	270.2	6.5	4.8	-4.5	499.4	499.4	99.9	99.9	86.7	91.	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 265  
MIDLAND, TEXAS  
28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	873.0	920.1	5.6	3.4	90.0	8.2	-8.2	0.0	285.5	299.5	5.3	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	15.4	1053.4	900.0	4.0	3.4	99.1	11.1	-10.9	1.7	285.7	299.5	5.4	95.5	0.4	272.
1.2	17.8	1282.4	875.0	2.3	2.0	95.7	11.0	-11.0	1.1	286.2	299.5	5.1	97.4	0.9	275.
2.0	20.3	1516.3	850.0	1.7	1.3	105.6	10.9	-10.5	2.9	288.0	301.2	5.0	97.3	1.4	281.
2.7	22.7	1758.6	825.0	4.8	4.4	147.5	10.8	-5.8	9.1	293.6	310.9	6.4	97.8	2.0	295.
3.5	25.2	2010.9	800.0	6.0	5.0	184.3	9.8	0.7	9.7	297.6	316.2	6.9	93.3	2.1	306.
4.3	27.8	2271.0	775.0	4.9	-2.3	208.5	5.7	2.7	5.0	299.9	310.6	3.9	55.7	2.1	311.
5.1	30.3	2537.7	750.0	3.0	-10.7	263.7	3.6	3.6	0.4	301.1	307.0	2.0	34.1	1.8	312.
6.0	33.0	2811.4	725.0	1.5	-12.6	291.4	7.1	6.6	-5.6	302.2	308.2	1.3	24.4	1.4	323.
6.9	35.7	3083.3	700.0	-0.3	-18.2	279.2	12.1	12.0	-3.9	303.4	305.8	0.8	16.1	1.0	357.
7.9	38.4	3383.1	675.0	-2.1	-24.4	285.4	13.1	12.6	-6.1	305.3	309.3	1.3	28.4	1.0	44.
8.9	41.3	3682.4	650.0	-3.3	-19.0	297.3	13.2	11.7	-8.1	308.2	310.3	1.0	13.6	1.4	80.
9.9	44.1	3992.3	625.0	-3.7	-27.8	300.1	13.5	11.7	-5.9	309.0	310.7	0.5	12.9	2.1	93.
10.0	47.1	4313.3	600.0	-6.1	-32.5	295.8	13.9	12.4	-8.1	309.8	311.2	0.4	12.5	3.0	100.
12.0	50.1	4644.7	575.0	-8.7	-34.4	292.2	14.3	13.2	-5.4	311.4	312.7	0.3	12.1	3.8	103.
13.1	53.3	4988.0	550.0	-10.7	-36.1	285.6	13.9	13.4	-3.7	312.8	313.9	0.3	12.3	4.8	105.
14.2	56.4	5344.4	525.0	-13.0	-37.7	279.5	14.8	14.6	-2.4	314.5	315.6	0.2	12.5	5.8	104.
15.5	59.7	5714.7	500.0	-15.2	-39.1	275.3	16.3	16.2	-2.1	315.9	316.8	0.2	12.6	7.1	103.
16.8	63.1	6100.3	475.0	-17.9	-42.6	277.3	17.6	17.6	-1.6	316.2	317.9	0.2	12.9	8.5	102.
18.2	66.7	6501.7	450.0	-21.5	-45.2	274.9	18.3	18.2	-1.6	317.3	318.6	0.1	13.0	10.0	101.
19.6	70.3	6920.2	425.0	-24.7	-48.1	275.2	19.3	19.2	-1.7	318.1	319.5	0.1	13.1	11.7	99.
21.1	74.2	7358.0	400.0	-28.4	-51.0	275.9	20.8	20.7	-2.1	319.2	320.7	0.1	13.2	13.5	98.
22.7	78.2	7817.4	375.0	-32.1	-54.0	278.1	21.8	21.6	-3.1	320.4	322.1	0.0	13.3	15.6	96.
24.3	82.3	8300.9	350.0	-35.8	-57.1	274.2	23.7	23.6	-3.1	321.9	323.8	0.0	13.4	17.8	95.
26.1	86.7	8811.9	325.0	-39.7	-59.9	269.2	34.4	34.4	-0.5	325.8	329.5	99.9	99.9	21.0	98.
27.9	91.2	9356.9	300.0	-41.6	-62.4	267.4	37.9	37.9	1.7	329.5	333.5	99.9	99.9	25.6	98.
30.0	96.0	9942.8	275.0	-45.4	-65.9	270.5	38.4	38.4	-0.4	332.0	336.5	99.9	99.9	30.7	95.
32.2	101.0	10572.4	250.0	-49.8	-69.9	272.4	40.5	40.4	-0.4	336.5	344.3	99.9	99.9	38.3	94.
34.6	106.4	11255.2	225.0	-53.5	-73.9	275.3	40.5	40.9	-3.7	344.3	352.1	99.9	99.9	42.3	94.
37.1	112.0	12010.0	200.0	-55.6	-75.9	275.0	40.0	39.9	-3.5	352.1	359.9	99.9	99.9	49.6	94.
40.0	118.2	12859.7	175.0	-58.2	-79.9	273.1	38.7	38.7	-2.1	367.6	372.1	99.9	99.9	57.6	94.
43.3	124.5	13838.4	150.0	-59.3	-81.0	265.6	33.6	33.5	-2.6	372.1	378.9	99.9	99.9	65.6	93.
47.0	131.5	14989.1	125.0	-59.3	-83.9	265.6	28.6	28.5	-3.2	408.7	416.9	99.9	99.9	73.7	93.
51.3	139.0	16384.7	100.0	-61.6	-86.9	274.5	19.0	19.0	-4.6	436.5	445.9	99.9	99.9	80.3	93.
55.5	146.7	18154.5	75.0	-65.1	-90.9	274.9	8.9	7.7	-8.3	501.7	509.9	99.9	99.9	84.3	93.
63.6	155.0	20639.8	50.0	-69.2	-98.9	299.3	5.3	5.3	-5.2	629.9	639.9	99.9	99.9	84.2	93.
76.4	163.3	25044.1	25.0	-54.0	-99.9	171.2	5.3	-0.8							

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 285  
MIDLAND, TEXAS

28 MARCH 1982  
1100 GMT

157 6. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U/COMP M/SEC	V/COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.7	873.0	920.8	3.9	2.9	90.0	5.2	-5.2	0.0	283.7	297.0	5.1	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	17.9	1058.3	900.0	2.2	1.6	176.1	2.8	-0.2	2.7	283.8	296.3	4.8	95.4	0.3	282.
1.6	20.7	1285.8	875.0	0.9	0.4	127.7	6.7	-5.3	4.1	284.8	298.6	4.5	96.1	0.6	292.
2.4	23.3	1518.8	850.0	0.5	-0.1	142.6	8.2	-5.0	6.5	286.7	298.6	4.5	96.0	0.9	300.
3.2	26.0	1759.9	825.0	3.3	2.8	181.1	7.5	0.1	7.5	292.1	307.5	5.7	96.6	1.3	312.
4.2	28.7	2009.4	800.0	3.3	2.8	193.1	9.2	2.1	9.0	294.7	310.7	5.9	96.7	1.5	326.
5.0	31.4	2268.0	775.0	4.3	-0.7	196.5	8.3	2.4	8.0	298.4	311.6	4.7	96.7	1.9	337.
6.0	34.3	2534.5	750.0	2.9	-6.7	212.5	5.5	2.9	4.6	299.7	308.6	3.1	49.1	2.2	344.
6.8	37.1	2807.7	725.0	0.6	-19.6	240.3	4.4	3.8	2.2	300.1	303.6	1.1	20.3	2.3	349.
7.9	40.0	3088.0	700.0	-1.8	-19.8	275.7	3.9	3.9	-0.4	300.5	304.0	1.1	23.8	2.3	356.
8.9	42.9	3376.1	675.0	-3.9	-19.8	277.2	4.9	4.9	-0.6	301.3	304.9	1.2	27.7	2.3	356.
9.8	45.8	3672.8	650.0	-6.3	-27.1	272.3	8.1	8.1	-0.3	301.8	303.9	0.6	17.3	2.3	10.
10.8	48.8	3978.2	625.0	-8.2	-33.0	274.4	10.4	10.4	-0.8	303.1	304.4	0.4	11.4	2.4	25.
12.0	51.9	4294.2	600.0	-9.7	-34.9	277.6	10.9	10.8	-1.4	304.9	306.0	0.3	10.7	2.8	39.
13.1	54.9	4622.6	575.0	-10.0	-35.1	277.2	12.1	12.0	-1.5	308.2	309.4	0.3	10.7	3.2	51.
14.4	58.1	4964.3	550.0	-11.4	-36.1	275.2	12.7	12.8	-1.1	310.5	311.6	0.3	10.8	4.0	61.
15.7	61.3	5319.4	525.0	-13.9	-38.0	273.5	13.7	13.7	-0.8	311.7	312.6	0.3	10.9	4.8	68.
16.9	64.6	5688.2	500.0	-16.2	-39.7	272.2	15.0	15.0	-0.6	313.3	314.1	0.2	11.1	5.8	72.
18.3	67.9	6072.2	475.0	-18.8	-41.6	270.4	15.8	15.8	-0.1	314.7	315.4	0.2	11.2	7.1	76.
19.8	71.4	6472.6	450.0	-21.8	-43.9	272.7	17.0	16.9	-0.8	315.8	316.4	0.2	11.4	8.4	81.
21.2	74.8	6891.2	425.0	-24.2	-45.7	280.1	17.5	17.2	-3.1	318.0	318.5	0.1	11.5	9.8	84.
22.8	78.4	7331.4	400.0	-26.4	-47.9	287.9	19.2	18.3	-5.9	320.7	321.2	0.1	11.6	11.5	88.
24.4	82.0	7794.1	375.0	-30.2	-50.5	289.9	21.2	20.0	-7.2	323.1	323.4	0.1	11.6	13.2	93.
26.2	85.0	8281.6	350.0	-33.9	-53.2	289.0	22.0	20.8	-7.1	323.1	323.4	0.1	12.0	15.5	93.
28.2	90.0	8796.7	325.0	-37.9	-56.4	282.6	23.6	23.0	-5.1	324.4	324.6	0.1	12.2	18.0	93.
30.2	94.0	9344.0	300.0	-41.6	-59.9	275.7	28.6	28.4	-2.9	326.7	326.9	99.9	999.9	21.1	94.
32.4	98.4	9928.3	275.0	-46.5	-59.9	278.4	32.9	32.7	-3.6	327.9	327.9	99.9	999.9	25.2	94.
34.7	103.0	10553.9	250.0	-51.4	-59.9	279.6	36.6	36.0	-6.1	329.6	329.9	99.9	999.9	30.1	95.
37.1	107.6	11232.2	225.0	-55.0	-59.9	281.7	40.5	39.7	-8.2	334.3	334.3	99.9	999.9	35.6	95.
39.9	112.8	11980.3	200.0	-58.0	-59.9	284.0	43.9	42.6	-10.6	344.1	344.1	99.9	999.9	42.4	97.
42.8	118.2	12827.7	175.0	-57.5	-59.9	282.1	41.1	40.2	-8.6	355.1	355.1	99.9	999.9	50.4	98.
46.4	124.2	13793.1	150.0	-59.8	-59.9	271.5	38.5	38.5	-1.0	367.0	367.0	99.9	999.9	58.6	98.
50.4	130.7	14937.6	125.0	-59.1	-59.9	271.6	33.6	33.6	-1.0	388.0	388.0	99.9	999.9	67.7	97.
55.0	137.7	16331.4	100.0	-60.5	-59.9	267.3	23.9	23.8	1.1	410.9	410.9	99.9	999.9	74.7	98.
60.9	146.0	18101.1	75.0	-66.0	-59.9	299.6	19.7	17.1	-9.7	434.6	434.6	99.9	999.9	83.0	95.
68.6	154.7	20587.2	50.0	-81.8	-59.9	202.0	6.3	2.4	5.8	457.9	457.9	99.9	999.9	87.3	96.
80.7	164.0	24967.7	25.0	-53.0	99.9	228.5	8.7	6.5	5.8	632.3	632.3	99.9	999.9	88.9	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 270  
EL PASO, TEXAS  
27 MARCH 1982  
1100 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	18.9	1193.0	880.2	12.0	4.0	305.0	2.6	2.1	-1.5	295.3	311.8	5.8	58.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	19.4	1242.7	875.0	11.7	3.3	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
0.9	22.1	1484.4	850.0	9.4	3.3	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
1.9	24.9	1731.3	835.0	7.0	2.5	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
2.7	27.7	1984.0	800.0	5.1	1.9	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
3.5	30.4	2242.7	775.0	2.9	1.4	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
4.5	33.2	2507.7	750.0	0.8	0.1	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
5.5	36.0	2779.6	725.0	-0.6	-1.0	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
6.7	38.9	3059.8	700.0	-2.3	-2.7	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
8.3	41.8	3348.1	675.0	-4.1	-4.6	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
11.1	44.8	3643.5	650.0	-6.6	-8.1	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
12.6	47.8	3948.7	625.0	-9.1	-10.2	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
13.5	50.8	4263.7	600.0	-10.2	-11.5	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
14.5	53.9	4590.6	575.0	-12.7	-13.4	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
15.2	57.0	4930.5	550.0	-15.2	-16.8	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
16.0	60.1	5285.1	525.0	-18.4	-20.0	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
17.3	63.4	5655.4	500.0	-19.4	-21.3	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
19.6	68.8	6041.8	475.0	-22.0	-24.6	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
21.6	70.1	6446.1	450.0	-24.6	-27.1	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
23.1	73.6	6869.1	425.0	-28.9	-32.2	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
24.7	77.1	7312.5	400.0	-28.9	-34.6	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
26.5	80.9	7780.8	375.0	-33.7	-37.8	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
28.5	84.7	8275.8	350.0	-37.5	-40.0	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
30.4	88.7	8799.8	325.0	-42.3	-42.0	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
32.5	92.7	9358.6	300.0	-47.5	-44.0	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
34.8	97.0	9958.8	275.0	-53.0	-46.1	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
36.9	101.4	10588.7	250.0	-59.0	-48.1	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
40.1	106.2	11275.8	225.0	-64.1	-50.0	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
42.7	111.0	12024.0	200.0	-68.2	-52.8	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
46.2	116.4	12880.6	175.0	-73.8	-55.7	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
50.0	122.2	13825.1	150.0	-81.2	-59.9	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
54.2	128.2	14957.1	125.0	-84.1	-64.1	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
59.1	135.0	16317.5	100.0	-81.2	-68.2	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
65.3	142.3	18059.7	75.0	-81.2	-73.8	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
73.6	150.3	20553.1	50.0	-81.2	-73.8	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9
87.5	158.7	24940.0	25.0	-81.2	-73.8	999.9	99.9	99.9	99.9	298.0	311.0	5.5	55.6	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 270  
EL PASO, TEXAS

27 MARCH 1982  
1415 GMT

157 12. 0

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.3	1193.0	880.8	13.0	13.0	300.0	3.8	3.1	-1.8	298.8	310.1	4.8	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
20.0	20.0	1246.5	875.0	12.1	1.8	294.4	9.9	9.0	-4.1	298.3	310.1	5.0	49.5	0.2	113.
1.0	22.8	1488.3	850.0	9.9	-0.8	289.1	10.7	9.8	-4.3	298.8	310.5	4.3	47.7	0.5	114.
1.7	25.7	1738.1	825.0	9.1	-1.0	286.2	11.5	10.8	-3.8	298.2	311.3	4.4	50.0	1.0	113.
2.4	28.6	1990.3	800.0	7.1	-1.6	282.4	12.4	11.9	-3.4	298.8	311.3	4.4	56.2	1.5	111.
3.0	31.4	2250.5	775.0	4.7	-2.1	287.7	13.1	12.5	-3.6	298.8	311.3	4.4	63.6	1.9	110.
3.5	34.3	2518.8	750.0	2.2	-2.9	287.8	12.7	12.1	-4.0	298.9	312.0	4.3	73.2	2.3	109.
4.0	37.2	2789.9	725.0	0.4	-7.4	287.7	11.3	10.2	-3.9	299.0	312.0	3.2	78.5	2.8	109.
4.6	40.1	3071.0	700.0	-0.6	-15.4	289.0	11.1	9.7	-4.7	301.8	310.9	3.2	80.4	3.2	109.
5.7	43.1	3360.8	675.0	-2.4	-20.4	293.5	11.3	10.4	-5.4	303.0	308.1	1.7	86.1	3.9	111.
7.3	46.3	3660.3	650.0	-2.3	-22.1	293.0	13.3	13.0	-4.5	306.3	310.0	1.2	88.1	5.0	112.
9.1	49.4	3971.0	625.0	-3.3	-22.1	281.7	15.1	14.7	-3.0	308.7	312.0	1.0	91.5	6.2	111.
10.3	52.5	4293.6	600.0	-4.4	-22.7	282.0	17.5	17.1	-3.1	311.0	314.3	1.0	92.4	7.2	109.
11.3	55.8	4627.3	575.0	-6.8	-24.4	280.8	19.9	19.5	-3.6	312.1	315.1	0.9	93.0	8.2	109.
12.2	59.0	4972.5	550.0	-9.7	-27.3	280.4	20.7	20.3	-3.9	312.6	315.0	0.7	93.0	9.2	108.
13.1	62.4	5330.3	525.0	-11.3	-29.1	281.5	20.0	20.3	-4.0	314.8	317.0	0.6	93.0	10.3	107.
14.3	65.7	5703.1	500.0	-14.0	-31.4	281.5	20.0	19.6	-3.8	315.9	317.8	0.5	93.0	11.3	107.
15.7	69.3	6090.9	475.0	-16.6	-33.5	281.1	19.6	19.3	-3.8	317.4	319.0	0.5	93.0	12.4	106.
17.1	72.8	6494.7	450.0	-19.7	-38.1	275.4	21.2	21.1	-2.0	318.5	319.8	0.4	93.0	13.4	106.
18.5	76.4	6916.1	425.0	-23.1	-40.9	270.1	23.9	23.9	-0.0	319.4	320.5	0.3	93.0	15.1	105.
20.0	80.2	7357.3	400.0	-26.4	-41.8	267.3	28.0	28.0	1.3	320.7	321.6	0.3	93.0	16.9	104.
21.7	84.0	7822.0	375.0	-27.8	-44.0	269.7	38.2	36.2	0.2	324.8	325.7	0.3	93.0	19.1	102.
23.2	88.0	8314.6	350.0	-30.5	-44.0	265.0	45.4	45.2	4.0	327.7	328.5	0.2	93.0	22.1	99.9
24.8	92.2	8838.5	325.0	-33.2	-44.0	263.2	50.0	49.7	5.9	330.9	330.9	99.9	99.9	24.8	99.9
26.7	96.4	9396.9	300.0	-36.9	-44.0	263.1	49.4	49.4	0.8	333.3	333.3	99.9	99.9	26.7	99.9
28.6	101.0	9993.5	275.0	-41.2	-44.0	272.3	57.5	57.5	-2.3	335.6	335.6	99.9	99.9	28.6	99.9
30.7	105.8	10633.6	250.0	-46.7	-44.0	271.4	61.6*	61.6*	-1.5	336.6	336.6	99.9	99.9	30.7	99.9
32.9	110.8	11322.6	225.0	-52.8	-44.0	270.8	85.6*	85.6*	-0.9	337.8	337.8	99.9	99.9	32.9	99.9
35.5	115.8	12073.4	200.0	-58.4	-44.0	271.1	60.4*	60.3	-1.2	340.3	340.3	99.9	99.9	35.5	99.9
38.5	121.2	12913.3	175.0	-57.7	-44.0	268.7	55.1*	55.1	1.1	354.6	354.6	99.9	99.9	38.5	99.9
42.1	127.5	13881.0	150.0	-59.0	-44.0	268.7	45.7*	45.7	-2.0	388.4	388.4	99.9	99.9	42.1	99.9
46.4	134.3	15038.5	125.0	-59.9	-44.0	273.4	33.7*	33.6	-1.0	385.5	385.5	99.9	99.9	46.4	99.9
51.2	142.0	16410.7	100.0	-63.9	-44.0	268.1	30.8*	30.8	-10.1	404.2	404.2	99.9	99.9	51.2	99.9
57.5	150.7	18188.5	75.0	-68.9	-44.0	268.5	18.2*	12.7	-3.3	445.4	445.4	99.9	99.9	57.5	99.9
65.5	160.0	20693.4	50.0	-59.2	-44.0	295.5	7.6*	6.8	-10.1	504.0	504.0	99.9	99.9	65.5	99.9
78.6	170.0	25123.5	25.0	-52.5	-44.0	999.9	99.9	99.9	99.9	633.8	633.8	99.9	99.9	78.6	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
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OF POOR QUALITY

STATION NO. 270 EL PASO, TEXAS															144 31. 0		
27 MARCH 1982 1715 GMT																	
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG		
0.0	19.4	1193.0	881.0	17.1	0.3	90.0	2.6	-2.6	0.0	301.0	313.5	4.4	32.0	0.0	0.0		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.2	20.0	1251.1	875.0	15.2	-1.4	99.9	99.9	99.9	99.9	299.6	310.7	3.9	31.9	99.9	99.9		
0.9	23.8	1495.5	850.0	13.0	-3.5	99.9	99.9	99.9	99.9	299.8	309.7	3.5	31.6	99.9	99.9		
1.8	25.6	1745.3	825.0	10.7	-3.2	99.9	99.9	99.9	99.9	299.9	310.3	3.7	31.5	99.9	99.9		
2.5	28.3	2000.4	800.0	7.8	-2.5	99.9	99.9	99.9	99.9	299.5	310.7	4.0	31.5	99.9	99.9		
3.2	31.1	2281.2	775.0	5.6	-2.9	99.9	99.9	99.9	99.9	299.8	311.1	4.0	31.5	99.9	99.9		
3.8	34.0	2528.2	750.0	2.8	-3.1	99.9	99.9	99.9	99.9	299.8	311.1	4.0	31.5	99.9	99.9		
4.6	36.9	2801.6	725.0	0.6	-4.1	99.9	99.9	99.9	99.9	300.1	311.2	3.9	31.5	99.9	99.9		
5.8	39.9	3083.5	700.0	2.1	-13.3	99.9	99.9	99.9	99.9	304.9	310.8	1.9	30.7	99.9	99.9		
6.8	42.9	3378.2	675.0	0.9	-20.3	99.9	99.9	99.9	99.9	308.6	310.2	1.1	18.5	99.9	99.9		
7.9	45.9	3678.8	650.0	-0.5	-21.5	99.9	99.9	99.9	99.9	308.4	311.8	1.0	18.5	99.9	99.9		
8.8	49.0	3991.5	625.0	-2.0	-22.8	99.9	99.9	99.9	99.9	310.1	313.3	0.9	18.5	99.9	99.9		
9.5	52.1	4314.5	600.0	-4.3	-24.3	99.9	99.9	99.9	99.9	311.1	314.0	0.9	19.3	99.9	99.9		
10.5	55.3	4688.0	575.0	-7.0	-26.4	99.9	99.9	99.9	99.9	311.8	314.3	0.8	19.4	99.9	99.9		
11.5	58.5	4993.3	550.0	-9.4	-28.7	99.9	99.9	99.9	99.9	312.9	315.1	0.6	18.9	99.9	99.9		
12.5	61.8	5351.1	525.0	-11.8	-31.1	99.9	99.9	99.9	99.9	314.2	316.1	0.5	18.2	99.9	99.9		
13.7	65.1	5723.4	500.0	-13.2	-32.3	99.9	99.9	99.9	99.9	316.9	318.6	0.5	18.3	99.9	99.9		
15.1	68.5	6111.4	475.0	-16.7	-35.1	99.9	99.9	99.9	99.9	317.3	318.7	0.4	18.4	99.9	99.9		
16.5	72.0	6514.8	450.0	-20.1	-37.9	99.9	99.9	99.9	99.9	319.1	320.0	0.3	18.5	99.9	99.9		
18.0	75.6	6935.7	425.0	-23.4	-40.5	99.9	99.9	99.9	99.9	321.0	321.8	0.3	18.8	99.9	99.9		
19.7	79.3	7377.0	400.0	-26.1	-42.7	99.9	99.9	99.9	99.9	324.6	325.3	0.2	19.1	99.9	99.9		
21.4	83.0	7842.3	375.0	-28.0	-44.2	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
22.9	86.9	8343.6	350.0	-31.4	-47.1	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
24.7	90.9	8855.1	325.0	-35.2	-49.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
26.7	95.0	9408.6	300.0	-39.1	-52.2	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
29.1	99.4	10000.3	275.0	-43.2	-55.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
31.1	104.0	10638.4	250.0	-47.7	-59.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
33.9	108.8	11324.8	225.0	-53.3	-62.4	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
36.5	113.8	12073.4	200.0	-58.9	-67.4	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
39.4	119.2	12915.5	175.0	-57.1	-69.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
43.1	125.2	13890.1	150.0	-57.4	-71.4	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
47.1	131.7	15043.3	125.0	-59.9	-74.4	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
52.1	138.7	16426.5	100.0	-61.5	-77.4	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
57.9	148.7	18204.7	75.0	-62.4	-79.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
65.6	155.5	20714.1	50.0	-59.7	-99.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	328.5	327.0	0.2	19.3	99.9	99.9		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY.

STATION NO. 270  
EL PASO, TEXAS  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DG
0.0	18.5	1193.0	880.0	21.0	-4.2	240.0	2.6	2.3	1.3	305.1	314.5	3.2	18.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	19.2	1241.9	850.0	18.1	-5.3	281.0	3.7	3.6	-0.7	302.6	311.2	2.9	19.8	0.4	70.
0.8	21.9	1489.8	825.0	15.3	-8.0	308.1	2.8	2.7	-1.2	302.5	310.4	2.8	22.1	0.5	85.
1.8	24.7	1740.6	800.0	12.9	-8.8	314.1	3.7	2.2	-1.7	302.2	311.0	2.9	24.6	0.7	99.
2.7	27.3	1997.7	775.0	10.6	-8.7	314.8	3.4	2.4	-2.4	302.8	311.7	3.0	29.0	0.9	110.
3.8	30.2	2261.1	750.0	8.4	-6.5	305.9	2.1	2.7	-1.2	302.0	312.1	3.2	40.7	1.0	112.
4.7	33.0	2530.7	725.0	5.9	-7.8	308.7	2.9	2.2	-1.8	303.2	311.6	2.9	43.5	1.1	114.
5.7	35.9	2807.1	700.0	3.4	-7.3	300.3	6.9	5.5	-3.5	304.5	309.1	1.5	44.4	1.4	116.
6.8	38.7	3090.6	675.0	1.8	-17.3	288.8	10.3	9.9	-3.0	308.8	309.6	0.9	44.4	2.0	116.
7.9	41.6	3383.3	650.0	0.8	-23.1	269.7	11.7	11.7	0.1	309.8	312.7	0.9	44.4	2.7	111.
8.9	44.6	3686.4	625.0	0.8	-23.5	265.7	11.3	11.3	0.9	311.2	313.8	0.8	44.4	3.4	105.
10.0	47.6	4000.2	600.0	-1.1	-25.0	275.5	12.0	11.9	-1.2	312.0	314.3	0.7	44.4	4.1	103.
11.1	50.6	4324.3	575.0	-3.6	-27.0	277.4	12.6	12.5	-1.6	313.3	315.3	0.6	44.4	5.1	102.
12.5	53.9	4659.0	550.0	-5.8	-28.9	276.0	13.4	13.4	-1.4	315.6	317.2	0.5	44.4	6.3	101.
13.9	56.9	5006.2	525.0	-7.2	-31.9	274.1	14.0	13.9	-1.4	318.9	318.3	0.4	44.4	7.5	100.
15.5	60.1	5367.1	500.0	-9.6	-33.8	274.5	15.1	15.1	-1.2	318.5	319.8	0.4	44.4	8.8	99.
17.0	63.4	5742.3	475.0	-11.9	-35.7	270.6	15.0	15.0	-0.2	319.2	320.3	0.3	44.4	10.1	98.
18.4	66.9	6132.2	450.0	-15.2	-37.9	264.1	15.9	15.8	1.6	319.3	320.2	0.2	44.4	11.3	97.
19.8	70.3	6537.6	425.0	-19.1	-40.5	263.8	20.1	20.0	2.2	321.4	322.1	0.2	44.4	12.9	95.
21.2	73.8	6960.9	400.0	-21.6	-42.5	267.1	25.8	25.7	1.3	323.8	324.5	0.2	44.4	15.1	93.
22.9	77.4	7405.9	375.0	-24.0	-44.5	269.8	35.0	35.0	0.1	326.5	326.9	0.1	44.4	18.3	92.
24.7	81.2	7874.5	350.0	-26.5	-46.0	264.0	42.9	42.7	4.5	328.0	328.4	0.1	44.4	22.5	90.
26.5	85.1	8359.2	325.0	-30.2	-50.7	257.6	44.9	43.6	9.7	328.8	329.1	0.1	44.4	32.7	88.
28.5	89.1	8891.6	300.0	-34.7	-53.9	255.3	43.3	41.9	11.0	327.5	328.5	99.9	99.9	32.7	86.
30.4	93.2	9445.0	275.0	-39.7	-59.9	255.3	51.8	50.9	9.8	327.7	328.5	99.9	99.9	38.2	85.
32.4	97.6	10035.4	250.0	-43.2	-63.7	259.1	60.3	59.0	9.1	332.7	333.5	99.9	99.9	48.3	84.
34.8	102.2	10671.6	225.0	-47.2	-69.9	259.7	62.5*	61.5	11.1	337.4	338.0	99.9	99.9	58.0	84.
37.5	107.0	11359.8	200.0	-52.9	-75.9	261.6	53.7*	53.1	7.9	346.0	346.0	99.9	99.9	85.8	84.
40.2	111.8	12112.8	175.0	-54.8	-81.9	261.5	47.3*	46.8	-2.2	359.5	359.5	99.9	99.9	94.0	84.
43.7	117.2	12958.8	150.0	-58.9	-89.9	273.5	37.0*	36.9	4.4	388.4	388.4	99.9	99.9	105.0	84.
47.5	123.2	13958.8	125.0	-62.9	-99.9	282.2	32.3*	32.0	0.5	411.6	411.6	99.9	99.9	115.7	85.
52.0	129.7	15119.3	100.0	-60.1	-99.9	288.8	23.9*	23.2	-2.3	440.2	440.2	99.9	99.9	115.7	85.
57.1	136.7	16511.7	75.0	-63.3	-99.9	278.5	15.4*	15.2	3.8	506.8	506.8	99.9	99.9	115.7	85.
63.6	144.7	18285.2	50.0	-58.1	-99.9	230.4	8.0*	4.6	99.9	649.8	649.8	99.9	99.9	113.8	84.
72.0	153.3	20812.1	25.0	-47.0	-99.9	999.9	99.9	99.9	99.9						
86.2	182.7	25296.2													

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STATION NO. 270  
EL PASO, TEXAS  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP C	DEW PT C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.4	1193.0	878.5	21.9	-8.8	270.0	3.6	3.6	0.0	306.2	313.0	2.2	12.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	19.8	1227.4	875.0	19.7	-7.3	181.6	3.4	0.1	3.4	304.3	311.8	2.5	15.7	0.3	51.0
0.7	19.8	1475.4	850.0	17.5	-6.7	122.9	2.5	-2.1	1.4	304.5	312.5	2.7	16.5	0.4	91.0
1.4	22.4	1728.8	825.0	15.1	-7.6	288.5	1.7	1.8	-0.5	304.6	312.3	2.6	20.2	0.5	88.0
2.5	27.8	1987.9	800.0	12.6	-8.8	290.9	4.8	4.5	-1.7	304.7	312.2	2.5	21.6	0.5	88.0
3.5	30.4	2252.9	775.0	10.2	-9.0	289.5	6.4	6.1	-1.9	304.8	312.1	2.4	24.8	1.3	105.0
4.6	33.2	2524.0	750.0	7.4	-9.7	289.5	6.5	5.9	-2.2	304.8	312.1	2.4	28.4	1.3	105.0
5.6	36.0	2801.6	725.0	4.8	-10.0	271.7	5.9	5.3	-0.9	304.7	311.6	2.3	33.0	1.7	104.0
6.5	38.8	3086.2	700.0	2.0	-11.2	278.1	6.3	3.3	-0.9	304.7	311.6	2.3	36.8	2.0	102.0
7.4	41.6	3378.4	675.0	-0.5	-13.2	283.8	9.0	8.8	-2.2	305.1	311.3	2.0	37.4	2.4	102.0
8.5	44.4	3679.7	650.0	-0.4	-23.5	274.3	11.6	11.6	-0.9	308.5	311.3	1.9	37.4	3.1	102.0
9.5	47.3	3992.1	625.0	-2.6	-24.0	266.3	11.8	11.8	0.8	309.5	312.3	0.9	37.3	3.8	99.0
10.5	50.3	4314.4	600.0	-4.7	-26.1	270.1	10.2	10.2	-0.0	310.7	313.1	0.8	36.9	4.4	97.0
11.6	53.3	4647.7	575.0	-7.0	-28.1	282.6	8.9	8.9	-2.0	311.8	313.9	0.7	35.0	5.0	97.0
12.8	56.4	4992.3	550.0	-10.2	-30.6	283.2	10.4	10.1	-2.4	312.0	313.9	0.5	33.9	5.7	98.0
14.1	59.5	5348.8	525.0	-12.8	-32.5	276.9	12.1	12.0	-1.5	313.1	314.7	0.4	32.8	6.5	98.0
15.5	62.7	5719.5	500.0	-15.2	-34.7	272.3	14.4	14.4	-0.7	314.5	315.9	0.4	31.8	7.7	98.0
17.2	65.0	6105.3	475.0	-17.3	-36.4	267.3	15.7	15.7	0.7	316.6	317.8	0.4	31.0	9.2	98.0
19.2	69.3	6508.4	450.0	-20.5	-39.1	263.8	16.5	16.4	1.8	318.5	319.5	0.3	30.9	11.1	95.0
21.0	72.7	6929.0	425.0	-23.4	-41.5	259.2	19.2	18.9	3.6	319.0	319.8	0.2	30.9	12.9	93.0
22.5	76.3	7370.4	400.0	-25.9	-43.6	260.1	22.0	21.7	3.8	321.3	322.0	0.2	30.9	14.8	91.0
24.2	80.0	7834.4	375.0	-29.5	-46.8	265.8	26.7	26.6	2.0	322.5	323.1	0.1	30.9	17.2	89.0
26.1	83.7	8322.7	350.0	-33.5	-49.7	267.8	32.7	32.6	1.2	323.6	324.0	0.1	30.9	20.4	89.0
27.9	87.6	8839.2	325.0	-38.4	-52.4	262.7	42.3	41.9	5.4	326.0	326.3	0.1	30.9	24.8	89.0
30.2	91.7	9389.5	300.0	-40.8	-54.9	258.5	45.0	44.1	8.9	328.4	328.9	0.1	30.9	30.9	87.0
32.4	95.9	9978.7	275.0	-44.8	-58.9	256.9	47.7	46.4	10.8	330.4	330.9	0.1	30.9	36.6	85.0
35.0	100.3	10608.6	250.0	-49.1	-63.9	255.5	52.4	51.2	11.3	333.0	333.4	0.1	30.9	44.4	84.0
37.5	105.0	11292.2	225.0	-54.1	-68.9	259.0	52.8	51.8	10.1	335.7	336.1	0.1	30.9	52.4	83.0
40.8	110.2	12047.7	200.0	-58.2	-73.9	262.7	47.6*	47.2	6.1	338.6	339.0	0.1	30.9	62.4	83.0
44.3	115.7	12907.4	175.0	-54.1	-78.9	265.9	46.8*	46.7	3.3	340.7	341.1	0.1	30.9	71.9	83.0
48.2	121.7	13897.1	150.0	-53.8	-83.9	268.4	45.5*	45.5	1.3	377.4	377.9	0.1	30.9	81.9	83.0
52.3	128.5	15059.0	125.0	-58.0	-88.9	261.6	27.4*	27.1	4.0	388.9	389.4	0.1	30.9	91.7	84.0
57.9	136.0	16449.1	100.0	-80.3	-93.9	262.3	26.8*	26.6	3.6	411.3	411.8	0.1	30.9	101.3	83.0
64.6	145.0	18228.5	75.0	-81.7	-98.9	272.8	18.1*	18.0	-0.9	443.6	444.1	0.1	30.9	110.7	83.0
73.5	155.5	20735.9	50.0	-58.7	-98.9	346.7	10.2*	2.4	-10.0	505.3	505.8	0.1	30.9	115.1	84.0
87.5	166.3	25172.5	25.0	-51.1	-99.9	132.6	6.9	-5.1	4.7	638.3	638.8	0.1	30.9	115.5	84.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 270  
EL PASO, TEXAS

28 MARCH 1982  
215 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.4	1193.0	879.5	19.0	-7.4	270.0	6.2	8.2	0.0	303.1	310.5	2.5	16.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	19.9	1237.0	875.0	19.2	-6.6	273.4	6.7	8.7	-0.4	303.8	311.7	2.7	16.7	0.2	78.
1.0	22.7	1485.0	850.0	17.2	-8.5	272.0	7.3	7.2	-0.3	304.1	311.2	2.4	16.5	0.5	94.
1.9	23.3	1738.1	825.0	14.7	-10.2	268.6	8.5	8.5	0.2	304.2	310.5	2.1	16.8	0.9	92.
3.0	28.1	1997.0	800.0	12.7	-10.4	264.8	8.8	8.8	0.6	304.7	311.2	2.2	18.8	1.4	90.
4.2	30.9	2282.1	775.0	10.2	-9.9	280.0	7.2	7.1	-1.2	304.8	312.3	2.3	23.2	1.9	90.
5.3	33.8	2533.3	750.0	7.6	-9.4	293.9	5.1	4.7	-2.1	304.8	312.3	2.5	28.7	2.3	93.
6.3	36.6	2811.2	725.0	4.5	-9.4	297.2	4.6	4.1	-2.1	304.4	312.1	2.6	35.7	2.6	96.
7.2	39.4	3095.6	700.0	1.7	-9.7	300.5	3.0	2.6	-1.5	304.4	312.5	2.7	44.2	2.8	97.
8.2	42.4	3387.5	675.0	-1.0	-9.7	304.5	4.2	3.4	-2.4	304.5	312.5	2.7	51.6	2.9	99.
9.3	45.4	3687.8	650.0	-1.8	-25.7	289.7	9.1	8.6	-3.1	306.9	311.6	1.5	51.6	3.3	101.
10.5	48.4	3998.3	625.0	-4.0	-25.7	278.2	11.5	11.3	-1.8	307.9	310.3	0.7	16.5	4.1	101.
12.0	51.8	4319.3	600.0	-5.8	-28.0	278.0	10.9	10.8	-1.5	309.4	311.5	0.6	15.3	5.2	100.
13.6	54.8	4651.6	575.0	-8.1	-30.0	283.5	11.8	11.5	-2.8	310.5	312.3	0.5	15.2	6.3	101.
14.9	57.9	4995.2	550.0	-10.7	-31.7	287.5	12.9	12.3	-3.9	311.4	313.0	0.4	15.7	7.3	102.
16.4	61.1	5350.8	525.0	-13.4	-34.3	284.1	13.2	12.4	-3.1	312.8	313.6	0.3	15.2	8.3	102.
17.8	64.9	5719.7	500.0	-16.6	-36.9	276.6	15.2	13.1	-1.5	312.8	313.9	0.3	15.2	9.4	101.
19.3	67.4	6103.3	475.0	-19.1	-39.0	271.3	15.2	15.2	-0.3	314.4	315.3	0.2	15.2	10.7	101.
21.0	71.3	6502.9	450.0	-22.9	-41.5	268.0	16.6	16.6	0.7	314.5	315.3	0.2	15.2	12.3	99.
22.8	74.7	6919.1	425.0	-26.3	-44.4	268.0	18.2	18.2	0.7	315.3	315.8	0.1	15.2	14.1	98.
25.1	78.4	7354.7	400.0	-29.8	-47.1	270.8	20.6	20.6	-0.3	316.3	316.8	0.1	15.2	16.7	98.
27.4	82.1	7811.9	375.0	-33.1	-49.5	274.2	22.2	22.1	-1.6	317.8	318.2	0.1	17.3	19.6	96.
29.5	85.8	8293.7	350.0	-36.8	-52.6	275.2	23.4	23.3	-2.1	319.1	319.4	0.1	17.5	22.5	96.
31.5	89.8	8803.6	325.0	-38.9	-54.3	274.6	24.7	24.5	-2.6	323.1	323.4	0.1	17.5	25.7	96.
34.0	94.0	9349.9	300.0	-41.5	-54.3	271.7	27.5	27.4	-1.1	326.9	326.9	99.9	99.9	31.2	95.
36.8	98.3	9934.2	275.0	-46.5	-59.9	270.2	37.5	37.5	-0.1	327.9	327.9	99.9	99.9	37.4	95.
39.9	102.8	10560.4	250.0	-51.1	-59.9	267.3	38.4	38.4	1.8	330.1	330.1	99.9	99.9	44.3	93.
42.8	107.6	11238.8	225.0	-54.8	-59.9	268.2	40.3	40.3	1.3	334.5	334.5	99.9	99.9	51.0	92.
46.0	112.6	11988.1	200.0	-56.0	-59.9	269.9	44.9	44.9	0.2	334.1	334.1	99.9	99.9	59.4	92.
50.3	118.0	12839.1	175.0	-57.7	-59.9	270.7	47.0	47.0	-0.6	357.6	357.6	99.9	99.9	71.9	92.
54.5	124.0	13817.5	150.0	-57.7	-59.9	267.0	40.0	40.0	2.1	370.6	370.6	99.9	99.9	82.4	92.
60.0	130.5	14984.7	125.0	-59.5	-59.9	262.0	32.8	32.5	4.6	387.3	387.3	99.9	99.9	93.0	91.
65.5	137.5	16353.9	100.0	-62.1	-59.9	263.5	25.4	25.3	-4.6	407.8	407.8	99.9	99.9	103.0	90.
72.8	145.3	18108.7	75.0	-65.4	-59.9	283.5	19.3	19.3	-4.6	435.8	435.8	99.9	99.9	112.0	89.
82.3	154.3	20584.0	50.0	-62.0	-59.9	304.9	6.3	5.2	-3.6	497.4	497.4	99.9	99.9	116.5	89.
98.1	163.3	24979.5	25.0	-54.5	-59.9	99.9	99.9	99.9	99.9	628.5	628.5	99.9	99.9	116.1	89.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 270  
EL PASO, TEXAS  
28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.1	1193.0	881.0	14.0	-12.2	360.0	1.8	0.0	-1.6	297.8	302.8	1.7	15.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	19.8	1250.9	875.0	18.3	-9.4	93.1	4.2	-4.2	0.2	309.7	307.1	2.2	16.3	0.1	105.
1.1	22.4	1497.6	850.0	16.4	-7.6	341.9	4.7	1.5	-4.5	303.3	310.8	2.5	18.5	0.3	184.
1.9	25.2	1750.1	825.0	14.0	-6.1	295.5	5.1	4.1	-2.1	303.4	312.1	2.9	24.2	0.5	153.
2.9	30.9	2272.7	775.0	9.4	-4.0	284.0	6.7	6.0	-2.9	303.4	313.7	3.5	33.6	0.8	138.
3.9	33.7	2543.4	750.0	6.9	-4.5	275.0	7.9	7.7	-1.9	304.1	314.1	3.5	37.1	1.2	129.
4.8	36.8	2820.9	725.0	4.8	-6.2	265.0	10.6	10.8	-0.9	304.8	313.5	3.2	38.8	1.7	120.
5.7	39.5	3105.9	700.0	2.6	-11.2	266.2	11.1	11.0	0.6	305.4	311.5	2.2	40.2	2.2	112.
6.6	42.4	3398.5	675.0	0.0	-20.2	262.1	9.1	9.1	0.7	305.7	309.2	1.4	20.6	2.9	106.
7.6	45.4	3699.5	650.0	-2.1	-24.3	258.0	8.4	8.2	1.3	308.6	309.3	1.1	20.0	3.4	102.
8.6	48.4	4009.5	625.0	-4.7	-28.3	258.8	9.6	8.4	1.8	307.1	309.4	0.8	16.3	3.9	99.
9.6	51.5	4329.5	600.0	-6.8	-30.0	256.1	9.7	9.4	1.9	308.3	310.4	0.7	16.4	4.4	97.
10.6	54.6	4660.3	575.0	-8.6	-32.1	257.0	10.3	10.2	2.3	309.3	311.8	0.6	15.7	4.9	95.
11.7	57.9	5003.3	550.0	-11.0	-34.4	277.8	11.4	11.3	0.5	311.1	312.7	0.5	15.5	5.5	93.
13.0	61.0	5358.7	525.0	-14.0	-36.4	282.1	13.2	12.9	-1.5	311.7	313.0	0.5	15.8	6.4	93.
14.4	64.4	5721.1	500.0	-16.8	-38.6	278.9	14.9	14.7	-2.8	312.6	313.8	0.4	16.3	7.4	94.
15.8	67.7	6110.9	475.0	-19.1	-40.9	277.2	15.7	15.6	-2.3	314.3	315.3	0.3	16.0	8.5	95.
17.1	71.1	6510.8	450.0	-22.3	-42.9	279.0	17.2	17.0	-2.0	315.2	316.1	0.3	16.5	9.8	95.
18.5	74.7	6928.4	425.0	-25.1	-45.1	284.5	17.7	17.1	-2.7	316.9	317.6	0.2	17.0	11.1	95.
19.9	78.4	7368.4	400.0	-27.8	-47.1	287.7	18.9	18.1	-4.4	318.9	319.5	0.2	17.1	12.6	96.
21.5	82.1	7828.0	375.0	-30.1	-49.4	287.2	20.1	19.2	-5.3	321.7	322.1	0.2	17.2	14.3	97.
23.1	86.0	8316.5	350.0	-32.8	-53.0	287.3	22.3	21.3	-6.1	324.5	324.9	0.1	17.1	16.3	98.
24.8	90.0	8831.8	325.0	-37.4	-53.0	285.0	23.9	22.8	-6.6	325.2	325.5	0.1	17.5	18.3	100.
26.6	94.2	9381.0	300.0	-41.3	-53.0	277.8	25.8	23.0	-7.1	327.2	327.5	0.1	17.1	20.8	100.
28.5	98.5	9965.1	275.0	-48.4	-53.0	275.5	28.4	23.6	-6.2	328.1	328.1	99.9	999.9	23.3	101.
30.4	103.0	10592.0	250.0	-50.9	-53.0	275.2	32.7	32.6	-3.8	330.3	330.3	99.9	999.9	26.5	101.
32.6	108.0	11269.9	225.0	-55.3	-53.0	275.5	40.8	40.6	-3.0	333.7	333.7	99.9	999.9	30.3	100.
35.2	113.0	12021.1	200.0	-55.7	-53.0	276.1	48.5	48.3	-3.9	343.6	343.6	99.9	999.9	36.0	100.
38.0	118.4	12871.9	175.0	-58.4	-53.0	276.8	44.3	44.0	-5.1	358.9	358.9	99.9	999.9	43.5	99.
41.1	124.2	13844.7	150.0	-57.8	-53.0	271.4	38.9	38.9	-5.1	370.5	370.5	99.9	999.9	52.7	98.
44.8	130.5	14988.1	125.0	-59.5	-53.0	263.3	31.7	31.5	-0.9	387.3	387.3	99.9	999.9	61.4	97.
48.9	137.7	16374.9	100.0	-60.8	-53.0	259.9	24.4	24.0	-3.7	410.2	410.2	99.9	999.9	70.6	97.
53.8	145.3	18135.7	75.0	-62.4	-53.0	252.9	19.7	18.9	-4.3	436.4	436.4	99.9	999.9	78.3	95.
59.9	154.0	20831.4	50.0	-62.4	-53.0	252.9	5.4	-5.4	5.8	486.4	486.4	99.9	999.9	85.6	94.
68.7	163.0	25023.7	25.0	-54.1	-53.0	195.2	8.8	1.8	0.6	629.3	629.3	99.9	999.9	89.7	93.
83.0									6.6					89.7	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 270 EL PASO, TEXAS																
28 MARCH 1982																
1100 GMT																
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES																
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	19.6	1193.0	881.0	7.0	-0.4	130.0	2.1	-1.6	1.3	290.5	301.9	4.2	59.0	0.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	20.2	1249.5	875.0	8.3	0.6	305.4	1.4	1.1	-0.8	292.4	304.8	4.6	58.2	0.2	0.2	0.2
1.2	23.0	1489.7	850.0	10.9	-2.0	196.0	1.5	0.4	1.4	297.6	308.1	3.7	58.2	0.2	0.2	0.2
2.0	25.8	1738.3	825.0	10.9	-3.0	204.7	2.8	1.2	2.5	300.1	310.7	3.7	58.2	0.2	0.2	0.2
3.0	28.6	1995.0	800.0	10.0	-1.6	232.9	3.6	2.9	2.2	301.9	314.0	4.3	58.2	0.2	0.2	0.2
3.9	31.3	2258.0	775.0	7.8	-2.0	237.6	4.5	3.3	2.2	302.2	314.4	4.3	58.2	0.2	0.2	0.2
4.7	34.1	2521.5	750.0	5.8	-4.0	237.6	5.4	4.5	2.2	302.2	314.4	4.3	58.2	0.2	0.2	0.2
5.7	37.0	2803.8	725.0	3.3	-5.4	256.4	7.2	7.0	2.9	302.2	314.4	4.3	58.2	0.2	0.2	0.2
6.8	39.9	3087.5	700.0	1.4	-6.8	259.7	9.3	9.2	2.9	302.2	314.4	4.3	58.2	0.2	0.2	0.2
7.8	42.9	3378.9	675.0	-1.4	-8.5	255.5	10.5	10.1	1.7	303.1	313.8	3.3	52.8	1.1	1.5	4.2
8.9	45.9	3678.4	650.0	-4.2	-10.2	250.2	11.0	10.4	2.6	304.0	312.8	3.0	58.4	2.1	2.1	6.2
10.1	48.9	3987.8	625.0	-3.9	-12.7	249.6	10.5	9.8	3.7	304.2	312.8	2.7	58.4	2.1	2.1	6.2
11.4	52.0	4309.2	600.0	-5.4	-14.7	249.6	10.4	10.1	3.6	309.0	312.3	0.7	58.4	2.1	2.1	6.2
12.6	55.1	4641.4	575.0	-8.1	-18.5	264.3	12.0	11.9	2.7	309.0	312.3	0.7	58.4	2.1	2.1	6.2
13.8	58.3	4984.8	550.0	-10.9	-20.5	269.8	12.0	12.0	1.2	310.5	312.6	0.5	58.4	2.1	2.1	6.2
15.1	61.4	5340.8	525.0	-12.8	-22.6	276.4	12.1	12.0	0.0	311.2	313.0	0.5	58.4	2.1	2.1	6.2
16.6	64.7	5711.8	500.0	-14.6	-24.2	284.6	12.1	12.0	-1.4	312.0	314.6	0.5	58.4	2.1	2.1	6.2
18.1	68.1	6099.2	475.0	-15.7	-26.0	286.1	10.4	10.0	-2.6	315.3	316.7	0.4	58.4	2.1	2.1	6.2
19.7	71.6	6504.8	450.0	-18.5	-27.2	284.0	10.7	10.4	-2.6	318.5	319.9	0.4	58.4	2.1	2.1	6.2
21.3	75.0	6928.3	425.0	-21.9	-28.6	285.6	11.5	11.1	-3.1	320.0	321.2	0.3	58.4	2.1	2.1	6.2
22.9	78.6	7371.1	400.0	-25.8	-30.2	288.5	13.7	13.0	-4.3	321.5	322.2	0.2	58.4	2.1	2.1	6.2
24.6	82.3	7835.0	375.0	-29.9	-32.3	287.7	16.2	15.4	-4.9	322.1	322.8	0.2	58.4	2.1	2.1	6.2
26.4	86.1	8322.6	350.0	-33.7	-34.4	280.9	17.8	17.4	-3.3	323.4	323.8	0.1	58.4	2.1	2.1	6.2
28.1	90.0	8837.5	325.0	-37.8	-36.7	274.0	19.1	19.0	-1.3	324.6	324.6	0.1	58.4	2.1	2.1	6.2
30.0	94.2	9384.2	300.0	-42.5	-38.9	271.7	22.0	22.0	-0.6	325.5	325.5	0.1	58.4	2.1	2.1	6.2
32.1	98.5	9966.2	275.0	-47.0	-41.0	274.2	25.2	25.1	-1.9	327.2	327.2	0.1	58.4	2.1	2.1	6.2
34.5	102.8	10590.4	250.0	-51.8	-43.2	275.5	29.6	29.5	-2.8	329.0	329.0	0.1	58.4	2.1	2.1	6.2
36.9	107.6	11268.8	225.0	-55.8	-45.4	274.1	39.2	39.1	-2.8	333.1	333.1	0.1	58.4	2.1	2.1	6.2
39.6	112.6	12009.7	200.0	-59.9	-47.6	270.3	48.1	48.1	-0.2	338.0	338.0	0.1	58.4	2.1	2.1	6.2
42.8	118.0	12842.4	175.0	-59.9	-49.4	269.1	49.4	49.4	0.0	352.5	352.5	0.1	58.4	2.1	2.1	6.2
46.4	123.7	13805.2	150.0	-60.8	-51.0	267.3	40.0	40.0	0.8	365.4	365.4	0.1	58.4	2.1	2.1	6.2
51.0	130.0	14940.1	125.0	-58.5	-52.9	259.8	32.4	31.9	5.8	389.1	389.1	0.1	58.4	2.1	2.1	6.2
56.1	136.7	16319.4	100.0	-63.9	-54.9	261.5	24.7	24.5	3.6	404.2	404.2	0.1	58.4	2.1	2.1	6.2
62.7	143.3	18068.7	75.0	-63.7	-56.9	258.0	15.8	15.5	3.5	433.3	433.3	0.1	58.4	2.1	2.1	6.2
71.6	152.7	20581.8	50.0	-60.9	-59.9	228.8	8.3	8.2	5.5	500.0	500.0	0.1	58.4	2.1	2.1	6.2
87.6	161.3	24965.7	25.0	-54.2	-59.9	167.2	8.9	-1.5	6.7	629.2	629.2	0.1	58.4	2.1	2.1	6.2

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
27 MARCH 1982  
1105 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	787.0	924.2	10.6	9.8	140.0	2.6	-1.7	2.0	290.2	311.8	8.3	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	15.5	1009.5	900.0	10.3	9.4	155.9	1.4	-0.5	1.3	293.6	315.4	8.3	85.8	0.1	317.
1.5	17.8	1245.1	875.0	11.7	8.9	83.6	0.5	-0.5	-0.1	294.8	316.3	8.2	91.5	0.1	338.
2.4	20.2	1486.1	850.0	8.3	7.8	322.8	0.7	0.4	-0.5	294.8	315.7	7.8	96.6	0.1	320.
3.0	22.5	1732.8	825.0	6.9	5.9	331.7	1.4	0.7	-0.2	295.9	315.0	7.1	93.7	0.1	325.
3.9	24.9	1985.3	800.0	5.2	3.4	328.7	2.5	1.3	-0.8	296.7	312.4	5.5	88.3	0.1	168.
4.9	27.4	2244.1	775.0	3.1	1.5	307.7	1.4	1.1	-0.0	297.2	312.3	4.7	88.9	0.2	152.
5.7	29.9	2509.3	750.0	1.5	-0.8	270.1	3.0	3.0	1.4	298.2	311.5	4.7	84.6	0.2	135.
6.6	32.5	2762.0	725.0	-0.6	-1.7	255.0	5.2	5.1	0.8	298.6	311.3	1.5	82.0	0.4	108.
7.5	35.1	3062.3	700.0	-0.5	-16.8	262.2	6.2	6.1	0.8	302.0	308.4	1.5	77.9	0.7	94.
8.5	37.9	3352.8	675.0	-1.1	-21.2	263.2	7.7	7.6	0.9	304.4	307.6	1.0	20.0	1.1	80.
9.4	40.4	3653.5	650.0	-1.8	-23.3	269.9	8.9	8.9	0.0	307.0	309.8	0.9	17.4	1.6	88.
10.5	43.2	3965.0	625.0	-2.5	-25.9	283.0	10.2	10.0	-2.3	309.6	312.5	0.8	17.4	2.1	90.
11.5	46.1	4287.8	600.0	-4.2	-28.0	285.0	11.6	11.2	-3.0	311.3	314.0	0.8	17.8	2.8	95.
12.6	49.1	4621.6	575.0	-6.7	-30.7	276.6	11.9	11.8	-1.4	312.1	314.4	0.7	16.9	3.6	96.
13.7	52.1	4967.0	550.0	-9.4	-32.1	269.4	12.3	12.3	0.1	312.9	314.9	0.6	16.7	4.4	95.
14.9	55.3	5324.7	525.0	-12.0	-34.1	274.1	14.9	14.9	-1.1	314.0	315.6	0.5	16.8	5.3	94.
16.1	58.5	5686.4	500.0	-14.5	-35.1	278.3	16.1	15.9	-2.3	315.3	316.8	0.4	17.0	6.2	95.
17.4	61.9	6083.4	475.0	-16.6	-36.9	275.6	17.4	17.3	-1.8	317.4	318.7	0.4	16.9	7.7	95.
18.6	65.3	6487.3	450.0	-19.8	-38.4	273.0	19.0	19.0	-1.0	318.3	319.4	0.3	17.1	9.1	95.
19.9	68.9	6908.3	425.0	-23.1	-41.0	270.2	21.3	21.3	-0.1	319.4	320.2	0.2	17.4	10.6	95.
21.3	72.6	7349.8	400.0	-26.2	-43.3	266.8	23.6	23.6	1.3	321.0	321.7	0.2	18.0	12.4	94.
22.7	76.4	7814.0	375.0	-28.7	-45.2	262.1	30.7	30.5	4.2	323.6	324.3	0.2	18.5	14.7	94.
24.3	80.5	8305.8	350.0	-31.2	-47.1	257.9	39.2	38.3	8.2	326.7	327.3	0.2	18.9	17.9	90.
26.0	84.7	8827.5	325.0	-34.7	-49.9	257.1	42.2	41.1	9.4	328.9	329.4	0.1	19.3	22.0	87.
27.7	89.0	9383.4	300.0	-37.4	-52.0	262.1	46.8	46.4	6.4	332.7	333.1	0.1	19.9	26.6	86.
29.6	93.8	9978.3	275.0	-40.9	-55.9	265.3	57.0	56.9	3.7	334.4	334.4	99.9	99.9	32.4	86.
31.6	98.8	10617.5	250.0	-46.9	-59.9	265.2	63.0	62.7	5.3	336.4	336.4	99.9	99.9	39.7	86.
33.9	104.0	11307.9	225.0	-52.4	-59.9	264.2	64.2	63.3	6.7	338.2	338.2	99.9	99.9	48.5	86.
36.3	109.6	12058.9	200.0	-58.7	-59.9	264.2	63.6	63.3	6.5	339.8	339.8	99.9	99.9	57.4	85.
38.9	115.5	12892.5	175.0	-59.6	-59.9	262.3	53.1*	52.6	7.1	351.7	351.7	99.9	99.9	66.7	85.
41.9	122.0	13854.7	150.0	-58.3	-59.9	256.1	41.8*	40.6	10.0	369.7	369.7	99.9	99.9	77.0	84.
45.1	128.7	15001.2	125.0	-60.6	-59.9	269.7	38.7*	38.7	0.2	408.2	408.2	99.9	99.9	82.8	85.
49.4	136.2	16380.6	100.0	-62.9	-59.9	258.6	28.5*	27.9	5.6	431.5	431.5	99.9	99.9	89.7	84.
55.1	144.0	18139.6	75.0	-67.5	-59.9	190.8	19.4*	3.6	19.0	431.5	431.5	99.9	99.9	109.6	84.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	37.0	924.5	9.2	8.1	140.0	3.6	-2.3	2.8	288.8	308.0	7.4	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	15.2	1011.2	900.0	11.3	8.7	99.9	99.9	99.9	99.9	283.2	314.0	7.5	83.8	322.9	99.9
1.4	17.5	1247.0	875.0	10.6	8.8	99.9	99.9	99.9	99.9	284.8	317.4	8.5	91.9	322.9	99.9
2.0	19.7	1488.3	850.0	7.6	6.0	99.9	99.9	99.9	99.9	285.4	314.3	7.0	84.0	322.9	99.9
3.8	22.1	1735.2	825.0	5.4	3.4	14.4	4.2	-1.0	-4.1	285.6	312.4	5.8	73.1	0.4	248.
4.6	24.5	1988.1	800.0	3.7	0.8	7.6	3.4	0.9	-3.4	286.9	310.7	5.2	71.3	0.5	227.
5.4	26.8	2247.2	775.0	1.7	0.6	329.5	1.8	0.9	-1.6	287.8	312.1	5.0	80.3	0.6	220.
6.3	29.3	2512.6	750.0	1.3	-2.1	283.1	2.5	2.4	-0.6	288.5	312.1	4.4	75.8	0.6	212.
7.2	31.8	2785.7	725.0	2.0	-14.7	277.9	4.6	7.2	-0.6	300.9	308.2	1.6	75.8	0.5	194.
8.1	34.4	3068.5	700.0	0.5	-19.2	270.0	7.2	8.3	-0.6	304.7	308.4	1.2	75.8	0.8	179.
9.0	37.1	3361.1	675.0	-0.6	-21.2	262.4	8.3	7.3	0.5	308.2	311.7	1.1	75.8	1.2	113.
10.0	42.6	3663.2	650.0	-2.5	-22.6	281.2	8.5	8.4	-1.7	309.6	312.8	0.9	75.8	2.2	107.
11.0	45.4	3975.6	625.0	-4.6	-24.6	285.2	11.0	10.6	-2.5	310.8	312.8	0.7	75.8	2.9	106.
12.1	48.3	4298.2	600.0	-7.0	-26.9	281.9	11.9	11.6	-2.4	311.8	314.2	0.6	75.8	3.8	105.
13.1	51.4	4631.6	575.0	-9.6	-29.2	281.9	11.8	11.5	-2.4	312.7	315.6	0.5	75.8	4.4	105.
14.3	54.5	4978.6	550.0	-12.2	-31.1	278.3	12.1	12.0	-0.3	313.8	317.3	0.5	75.8	5.3	103.
15.4	57.5	5332.2	525.0	-14.2	-32.8	273.2	14.1	14.1	-0.3	315.7	317.3	0.4	75.8	6.4	101.
16.6	60.9	5692.6	500.0	-17.2	-35.3	273.6	15.3	15.2	-1.0	318.6	318.0	0.3	75.8	7.5	100.
17.8	64.0	6092.6	475.0	-20.5	-37.9	272.6	16.5	16.5	-0.8	317.5	318.6	0.3	75.8	8.8	98.
19.1	67.6	6495.1	450.0	-23.5	-40.5	259.2	18.5	18.1	-0.3	318.8	319.7	0.2	75.8	10.4	95.
20.5	71.3	6915.4	425.0	-26.4	-42.9	270.7	21.1	21.1	-0.3	320.7	321.4	0.2	75.8	12.1	95.
21.8	75.0	7358.2	400.0	-29.5	-45.6	266.5	25.3	25.2	1.5	322.5	323.1	0.1	75.8	14.7	93.
23.3	79.0	7819.9	375.0	-32.3	-47.9	261.8	32.8	32.5	4.7	325.2	325.7	0.1	75.8	18.1	90.
24.9	83.2	8309.8	350.0	-35.7	-50.2	256.9	39.7	38.7	9.0	327.5	328.0	0.1	75.8	22.0	88.
26.5	87.6	8828.3	325.0	-39.7	-52.9	258.3	40.3	39.2	9.5	329.4	329.9	99.9	99.9	26.4	86.
28.4	91.2	9386.3	300.0	-43.3	-55.9	258.3	41.7	44.4	5.6	332.6	332.6	99.9	99.9	32.6	85.
30.4	97.2	9970.6	275.0	-48.1	-59.9	258.6	47.2	56.9	5.4	335.5	335.5	99.9	99.9	38.5	85.
32.3	102.3	10605.7	250.0	-53.0	-59.9	261.1	57.2	58.8	9.2	337.3	337.3	99.9	99.9	48.1	85.
34.7	107.8	11292.4	225.0	-56.7	-59.9	261.6	58.1	57.5	8.5	343.1	343.1	99.9	99.9	57.4	84.
37.4	113.5	12887.8	175.0	-57.2	-59.9	259.4	51.0	50.1	9.3	355.6	355.6	99.9	99.9	66.5	83.
40.6	119.7	13863.0	150.0	-57.8	-59.9	258.8	50.4	49.0	11.7	370.6	370.6	99.9	99.9	74.6	83.
44.1	126.5	15012.5	125.0	-59.0	-59.9	250.2	28.1	28.1	-0.1	380.1	380.1	99.9	99.9	81.8	83.
48.3	133.5	16396.8	100.0	-63.7	-59.9	258.8	31.1	30.5	6.0	404.8	404.8	99.9	99.9	89.6	82.
53.4	141.0	18156.2	75.0	-65.1	-59.9	273.8	17.4	17.4	-2.0	436.4	436.4	99.9	99.9	92.3	82.
59.1	149.0	20660.7	50.0	-62.1	-59.9	310.3	3.2	2.4	-2.1	497.3	497.3	99.9	99.9	99.9	83.
70.6	157.0	25086.8	25.0	-51.9	-59.9	226.0	3.1	2.2	2.1	635.6	635.6	99.9	99.9	91.9	83.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA

27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	787.0	925.5	15.6	9.5	99.9	99.9	99.9	99.9	295.2	316.8	8.1	67.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	12.8	791.6	925.0	15.4*	99.9	99.9	99.9	99.9	99.9	295.1	315.4	7.6	82.2	0.1	214
0.0	12.8	1022.2	900.0	12.8*	99.9	99.9	99.9	99.9	99.9	294.7	315.4	7.6	82.2	0.1	214
1.5	17.3	1258.5	875.0	10.7	7.8	99.9	99.9	99.9	99.9	296.0	310.0	4.8	59.5	0.3	216
2.3	19.6	1499.9	850.0	8.4	3.7	99.9	99.9	99.9	99.9	296.0	310.0	4.8	59.5	0.3	216
3.1	22.0	1746.5	825.0	7.7	0.4	99.9	99.9	99.9	99.9	297.3	310.2	4.6	64.3	0.4	220
4.0	24.4	2000.3	800.0	5.8	-0.4	99.9	99.9	99.9	99.9	298.0	310.3	4.6	68.0	0.5	225
4.7	26.7	2259.4	775.0	3.9	-1.5	99.9	99.9	99.9	99.9	298.8	310.3	3.0	50.2	0.4	232
5.7	29.2	2524.9	750.0	2.0	-7.3	99.9	99.9	99.9	99.9	300.3	304.1	1.3	22.6	0.4	237
6.6	31.8	2797.9	725.0	0.7	-18.3	99.9	99.9	99.9	99.9	303.1	306.4	1.1	18.5	0.3	210
7.5	34.3	3079.6	700.0	0.5	-20.4	99.9	99.9	99.9	99.9	305.3	308.6	1.0	17.9	0.4	145
8.5	36.9	3371.0	675.0	-0.3	-21.1	99.9	99.9	99.9	99.9	308.1	311.2	1.0	17.9	0.9	115
9.6	39.7	3672.4	650.0	-0.8	-22.2	99.9	99.9	99.9	99.9	309.4	312.1	0.8	16.8	1.3	104
10.6	42.4	3884.6	625.0	-2.7	-24.5	99.9	99.9	99.9	99.9	311.4	314.0	0.7	16.5	1.8	102
11.7	45.3	4307.3	600.0	-4.0	-27.6	99.9	99.9	99.9	99.9	312.2	314.4	0.7	16.5	2.5	102
12.9	48.1	4641.0	575.0	-6.7	-29.7	99.9	99.9	99.9	99.9	312.5	314.5	0.6	17.8	3.2	102
14.0	51.1	4986.1	550.0	-9.7	-32.0	99.9	99.9	99.9	99.9	313.6	315.3	0.5	17.5	4.0	102
15.2	54.3	5343.4	525.0	-12.3	-34.3	99.9	99.9	99.9	99.9	314.9	316.3	0.4	17.1	4.9	101
16.5	57.5	5714.7	500.0	-14.9	-36.7	99.9	99.9	99.9	99.9	316.2	317.4	0.3	17.1	5.9	101
17.7	60.8	6101.0	475.0	-17.0	-39.5	99.9	99.9	99.9	99.9	316.9	317.8	0.2	17.2	7.0	98
19.1	64.3	6503.3	450.0	-21.0	-41.6	99.9	99.9	99.9	99.9	318.6	319.6	0.2	17.8	8.2	95
20.4	67.7	6923.2	425.0	-23.6	-43.7	99.9	99.9	99.9	99.9	320.6	321.3	0.2	17.8	9.7	93
21.8	71.4	7362.9	400.0	-26.5	-45.1	99.9	99.9	99.9	99.9	322.7	323.3	0.2	17.8	11.8	90
23.3	75.3	7827.2	375.0	-29.4	-46.1	99.9	99.9	99.9	99.9	324.4	324.8	0.1	18.5	14.5	88
24.8	79.3	8316.4	350.0	-32.9	-49.1	99.9	99.9	99.9	99.9	326.0	326.3	0.1	18.5	18.2	86
26.5	83.5	8834.0	325.0	-36.8	-52.1	99.9	99.9	99.9	99.9	327.3	327.3	99.9	99.9	22.2	84
28.4	88.0	9382.5	300.0	-41.2	-55.9	99.9	99.9	99.9	99.9	329.6	329.6	99.9	99.9	26.2	83
30.3	92.6	9988.3	275.0	-45.3	-59.9	99.9	99.9	99.9	99.9	333.4	333.4	99.9	99.9	31.2	82
32.3	97.5	10598.8	250.0	-48.9	-63.7	99.9	99.9	99.9	99.9	337.4	337.4	99.9	99.9	38.4	81
34.5	102.7	11284.6	225.0	-53.0	-67.7	99.9	99.9	99.9	99.9	343.0	343.0	99.9	99.9	46.5	80
36.9	108.3	12037.4	200.0	-56.7	-71.4	99.9	99.9	99.9	99.9	347.8	347.8	99.9	99.9	55.5	80
39.9	114.2	12888.0	175.0	-55.8	-75.8	99.9	99.9	99.9	99.9	354.0	354.0	99.9	99.9	64.1	79
43.3	120.7	13869.2	150.0	-55.6	-79.9	99.9	99.9	99.9	99.9	359.6	359.6	99.9	99.9	71.5	80
46.8	127.3	15027.2	125.0	-58.1	-83.7	99.9	99.9	99.9	99.9	369.6	369.6	99.9	99.9	78.8	79
51.1	134.7	16419.4	100.0	-59.9	-87.7	99.9	99.9	99.9	99.9	412.0	412.0	99.9	99.9	85.8	80
56.3	142.3	18198.6	75.0	-62.2	-91.9	99.9	99.9	99.9	99.9	503.1	503.1	99.9	99.9	88.7	80
63.3	150.3	20714.6	50.0	-59.6	-95.9	99.9	99.9	99.9	99.9	637.4	637.4	99.9	99.9	87.9	79
74.2	158.7	25153.2	25.0	-51.4	-99.9	99.9	99.9	99.9	99.9						

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
27 MARCH 1982  
2005 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	787.0	924.5	19.8	2.6	320.0	2.6	1.7	-2.0	299.6	313.6	5.0	32.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	14.8	1017.1	900.0	17.2	1.8	308.8	1.9	1.5	-1.2	299.3	312.7	4.8	35.3	0.1	139.
1.9	17.0	1256.4	850.0	15.0	2.2	300.8	2.2	1.5	-1.6	299.4	313.9	5.1	41.8	0.2	126.
2.8	19.3	1500.9	850.0	12.8	1.8	301.1	3.1	2.7	-1.6	299.5	314.3	5.3	47.2	0.5	126.
3.6	21.5	1750.6	825.0	10.3	1.9	315.9	3.7	2.6	-2.7	299.5	314.3	5.0	55.7	0.7	131.
4.5	23.8	2005.7	800.0	7.7	0.6	3.8	1.8	-0.1	-1.8	299.4	314.3	2.3	60.5	0.7	134.
5.8	26.2	2268.6	775.0	5.7	-9.9	173.9	0.8	2.1	0.8	300.5	314.8	1.3	31.4	0.8	115.
6.8	28.8	2533.6	750.0	3.6	-17.1	233.6	2.5	3.5	-3.8	302.0	305.1	1.0	18.7	1.1	110.
7.8	31.1	2808.0	725.0	2.3	-20.7	257.2	3.6	5.2	-1.7	303.3	308.3	0.9	16.3	1.4	112.
8.7	33.6	3080.3	700.0	0.7	-21.7	288.3	5.5	6.6	-2.3	305.7	308.7	0.9	15.3	1.9	109.
9.6	36.1	3381.9	675.0	0.1	-22.5	288.3	7.5	7.5	0.5	308.2	310.9	0.7	14.8	2.4	103.
10.9	38.7	3684.0	650.0	-0.7	-23.8	288.2	7.5	7.4	0.4	309.7	312.1	0.7	14.3	2.9	101.
12.1	41.4	3998.3	625.0	-2.4	-25.8	288.6	8.5	8.5	-1.0	311.3	313.4	0.6	14.3	3.6	101.
13.2	44.2	4319.0	600.0	-4.2	-27.5	280.3	10.4	10.3	-1.9	311.7	313.5	0.5	14.8	4.4	101.
14.4	47.1	4652.6	575.0	-7.1	-29.8	285.5	12.5	12.0	-3.0	313.0	314.7	0.4	14.8	5.3	102.
15.6	50.0	4997.5	550.0	-9.4	-31.3	283.1	13.4	13.7	-0.5	314.6	315.8	0.3	14.6	7.5	99.
16.7	53.0	5354.8	525.0	-12.8	-34.0	272.3	15.9	15.8	0.7	315.4	317.3	0.2	14.8	10.2	96.
18.0	56.1	5725.0	500.0	-15.1	-36.1	267.5	17.0	16.5	1.4	316.5	318.1	0.2	15.2	12.0	94.
19.3	58.4	6110.7	475.0	-18.2	-38.8	265.1	18.6	18.5	2.6	317.4	318.8	0.1	15.3	13.9	92.
20.7	62.7	6512.0	450.0	-21.3	-41.1	264.5	19.5	19.3	3.1	318.3	320.0	0.1	15.5	16.3	91.
22.1	66.1	6930.9	425.0	-24.6	-43.6	262.2	22.7	22.5	3.2	319.6	321.7	0.1	15.8	19.1	89.
23.6	69.8	7369.1	400.0	-28.3	-46.6	262.2	25.9	25.9	4.6	322.7	323.0	99.9	99.9	22.7	86.
25.2	73.5	7828.9	375.0	-31.7	-49.3	261.3	30.1	29.7	9.4	325.4	325.9	99.9	99.9	27.1	84.
26.9	77.4	8313.5	350.0	-35.1	-52.0	257.5	35.2	34.4	10.6	328.2	328.6	99.9	99.9	32.2	82.
28.6	81.5	8825.9	325.0	-39.1	-55.3	254.4	39.9	38.7	8.6	332.3	332.3	99.9	99.9	37.5	82.
30.4	85.8	9359.8	300.0	-42.5	-58.9	254.4	40.7	39.7	6.6	337.1	337.1	99.9	99.9	43.8	82.
32.4	90.4	9934.1	275.0	-45.6	-62.6	254.4	41.6	41.0	7.1	340.6	340.6	99.9	99.9	51.1	82.
34.6	95.4	10583.5	250.0	-49.6	-66.3	254.4	42.7	42.1	9.3	344.3	344.3	99.9	99.9	59.0	82.
36.8	100.6	11269.3	225.0	-52.1	-69.9	254.4	43.6	43.6	8.0	349.8	349.8	99.9	99.9	68.1	81.
39.3	106.3	12027.0	200.0	-54.1	-73.5	254.4	44.6	43.6	6.3	354.2	354.2	99.9	99.9	75.4	80.
42.3	112.3	12884.3	175.0	-54.1	-77.1	254.4	45.6	43.6	5.2	359.0	359.0	99.9	99.9	85.5	80.
45.6	119.0	13868.8	150.0	-55.6	-80.9	254.4	46.6	43.6	5.2	363.6	363.6	99.9	99.9	95.0	80.
49.2	126.0	15025.3	125.0	-58.1	-84.7	254.4	47.6	43.6	5.2	368.2	368.2	99.9	99.9	105.0	80.
53.5	133.3	16415.1	100.0	-61.4	-88.5	254.4	48.6	43.6	5.2	372.8	372.8	99.9	99.9	115.0	80.
58.9	141.7	18199.1	75.0	-60.7	-92.3	254.4	49.6	43.6	5.2	377.4	377.4	99.9	99.9	125.0	80.
66.8	150.0	20708.7	50.0	-59.8	-96.1	254.4	50.6	43.6	5.2	382.0	382.0	99.9	99.9	135.0	80.
78.8	158.7	25150.6	25.0	-51.6	-99.9	254.4	51.6	43.6	5.2	386.6	386.6	99.9	99.9	145.0	80.

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
27 MARCH 1982  
2330 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	Y COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	787.0	922.8	21.5	2.7	350.0	3.1	0.5	-3.1	301.5	315.8	5.1	29.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	15.0	1002.6	900.0	18.8	2.2	356.9	3.4	0.2	-3.4	300.8	314.6	5.0	33.0	0.2	176.
1.5	17.4	1243.5	875.0	16.7	1.9	359.6	3.9	0.0	-3.9	301.1	315.3	5.0	37.0	0.4	176.
2.6	19.8	1499.2	850.0	14.3	1.9	350.4	5.2	0.9	-5.2	301.1	315.6	5.2	43.2	0.6	176.
3.7	22.2	1740.4	825.0	11.9	1.5	326.2	6.6	2.6	-6.1	301.2	315.8	5.2	48.6	0.8	176.
4.6	27.2	2259.5	775.0	9.5	0.7	309.6	7.3	4.0	-6.0	301.2	315.8	5.2	58.5	1.2	185.
5.4	29.7	2803.7	750.0	4.4	-0.6	249.9	4.6	3.5	-7.9	301.1	315.8	5.2	65.4	1.5	185.
6.4	32.3	3087.4	725.0	3.2	-10.9	231.9	4.1	3.2	1.5	303.0	315.2	4.9	69.9	1.6	185.
7.2	35.0	3380.1	700.0	2.2	-19.8	239.1	3.5	3.0	7.8	304.9	308.5	2.4	77.7	1.5	185.
8.1	37.8	3682.1	675.0	0.4	-21.5	252.5	4.9	4.6	1.5	306.1	309.3	1.1	86.8	1.5	185.
9.0	40.6	3994.7	650.0	-0.4	-24.2	262.5	6.5	6.4	0.8	308.5	311.2	0.8	95.9	1.8	124.
9.9	43.4	4317.6	625.0	-2.3	-25.4	276.0	8.6	8.6	-0.3	309.8	312.3	0.7	104.6	2.2	124.
11.0	46.3	4651.8	600.0	-4.1	-27.0	281.8	11.2	11.0	-2.3	311.4	312.6	0.5	114.8	2.6	114.
12.0	49.4	4996.9	575.0	-6.6	-28.9	278.8	13.1	12.9	-2.0	312.3	314.3	0.5	124.8	3.6	114.
13.3	52.5	5354.0	550.0	-9.7	-31.3	277.8	14.6	14.4	-2.0	312.6	314.3	0.5	134.8	4.5	108.
14.5	55.6	5724.3	525.0	-12.5	-33.6	281.6	15.9	15.5	-3.2	313.4	315.3	0.4	144.8	5.7	108.
15.7	59.0	6109.5	500.0	-15.6	-35.9	278.7	16.2	16.0	-2.5	314.0	315.3	0.3	154.8	6.8	105.
17.0	62.3	6510.4	475.0	-18.5	-38.5	272.8	17.6	17.6	-0.9	315.1	316.1	0.3	164.8	8.1	104.
18.3	65.9	6929.5	450.0	-21.5	-40.8	271.3	17.9	17.9	-0.4	316.2	317.0	0.2	174.8	9.5	104.
19.9	69.6	7368.6	425.0	-24.4	-42.9	275.9	19.4	19.3	-2.0	317.7	318.5	0.2	184.8	11.2	101.
21.4	73.3	7831.0	400.0	-27.2	-45.2	281.5	19.6	19.3	-3.9	317.6	320.2	0.2	194.8	13.0	100.
23.0	77.3	8319.7	375.0	-29.8	-47.3	285.6	20.1	19.3	-5.6	322.2	322.7	0.1	204.8	14.9	101.
24.7	81.4	8839.7	350.0	-32.6	-49.9	285.6	21.0	20.3	-5.7	324.9	325.3	0.1	214.8	16.2	101.
26.6	85.8	9389.8	325.0	-35.7	-52.4	280.6	25.1	24.7	-4.6	327.5	327.8	0.1	224.8	17.0	101.
28.6	90.4	9976.8	300.0	-40.4	-55.9	277.1	27.1	26.9	-3.4	328.4	328.4	99.9	234.8	18.0	101.
30.7	95.4	10807.1	275.0	-45.1	-59.9	274.9	27.3	27.2	-2.3	329.3	329.3	99.9	244.8	19.5	101.
32.8	100.4	11290.5	250.0	-49.3	-63.9	270.6	28.5	28.5	-2.3	332.6	332.6	99.9	254.8	21.0	101.
35.2	105.8	12041.1	225.0	-54.0	-67.9	265.3	30.4	30.3	-2.5	335.7	335.7	99.9	264.8	23.5	98.
37.7	111.5	12891.6	200.0	-58.5	-71.9	265.3	32.3	32.1	-3.0	343.3	343.3	99.9	274.8	26.0	98.
40.6	117.7	13872.2	175.0	-64.9	-75.9	265.3	43.1	43.0	-3.5	359.9	359.9	99.9	284.8	28.5	95.
44.2	124.3	15024.5	150.0	-67.0	-78.9	264.3	40.1	39.9	-4.0	371.6	371.6	99.9	294.8	31.0	92.
48.3	131.7	16222.9	125.0	-67.5	-81.9	259.3	30.3	29.9	-5.3	391.4	391.4	99.9	304.8	33.3	92.
52.8	139.3	17422.7	100.0	-59.2	-85.9	256.4	28.8	29.0	6.8	413.4	413.4	99.9	314.8	35.8	90.
56.8	147.5	18224.7	75.0	-58.3	-89.9	249.2	16.8	15.7	6.0	512.1	512.1	99.9	324.8	38.3	89.
60.3	156.0	20757.4	50.0	-55.7	-93.9	287.0	6.0	5.8	-1.8	637.5	637.5	99.9	334.8	40.8	89.
78.0	165.0	25201.2	25.0	-51.2	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	344.8	43.1	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
28 MARCH 1982  
215 GMT

TIME MIN	CHTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	787.0	923.5	19.0	2.4	330.0	3.8	1.8	-3.1	292.2	312.6	4.9	33.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	15.4	1008.0	900.0	17.6	2.9	352.2	6.6	0.9	-3.5	299.5	314.2	5.2	37.2	0.3	15.
1.6	17.7	1247.6	875.0	15.1	1.9	350.1	4.6	0.8	-4.5	299.5	313.5	5.0	40.6	0.6	16.
2.4	20.1	1492.1	850.0	13.1	-0.7	340.5	3.3	1.1	-3.1	299.8	311.9	4.3	38.7	0.8	13.
3.3	22.5	1742.8	825.0	11.4	1.1	299.9	3.0	2.6	-1.5	300.6	314.8	5.0	49.3	0.9	15.
4.1	24.9	1998.9	800.0	9.7	0.1	254.6	3.4	3.3	0.9	301.5	315.1	4.9	50.3	1.0	14.
4.9	27.4	2262.1	775.0	7.9	-0.8	228.4	3.9	2.9	2.6	302.4	315.6	4.7	54.0	1.0	13.
5.8	29.9	2531.6	750.0	5.8	-5.0	220.6	3.5	2.3	2.7	302.9	313.1	3.5	45.5	1.0	13.
6.8	32.5	2808.1	725.0	3.2	-7.2	220.0	3.0	1.9	2.3	303.0	312.0	3.1	46.3	1.0	11.
7.5	35.1	3091.2	700.0	0.9	-14.2	239.9	3.6	3.1	1.8	303.5	312.0	3.1	46.3	1.0	11.
8.5	37.8	3382.9	675.0	-0.1	-23.1	262.4	4.1	4.1	0.5	305.6	308.4	0.9	15.6	1.2	10.
9.5	40.6	3684.8	650.0	-3.0	-34.3	274.4	5.3	5.2	-0.4	307.6	310.5	0.8	15.1	1.4	10.
10.5	43.3	3986.2	625.0	-7.2	-44.8	299.9	7.9	7.9	-0.7	309.0	311.4	0.7	14.9	1.8	10.
11.5	46.3	4318.3	600.0	-4.8	-27.6	274.3	10.8	10.8	-0.8	310.5	312.7	0.7	14.8	2.4	99.
12.6	49.2	4651.3	575.0	-7.2	-39.5	272.3	12.8	12.8	-0.5	311.5	313.5	0.5	14.9	3.2	98.
13.7	52.2	4995.9	550.0	-10.0	-31.6	270.8	14.3	14.3	-0.5	312.3	314.6	0.4	15.0	4.1	96.
14.8	55.4	5352.7	525.0	-12.7	-33.8	271.9	15.6	15.6	-0.5	313.2	314.6	0.4	15.1	5.1	95.
16.0	58.7	5722.5	500.0	-16.1	-36.6	277.4	15.5	15.4	-2.0	313.4	314.5	0.3	15.2	6.2	95.
17.1	62.0	6106.8	475.0	-18.5	-38.5	287.6	14.6	13.9	-4.4	315.1	316.1	0.2	15.2	7.2	95.
18.4	65.5	6508.4	450.0	-21.0	-40.5	293.4	15.1	13.9	-6.0	316.9	317.8	0.2	15.2	8.3	95.
19.7	69.0	6928.8	425.0	-23.0	-42.2	299.9	15.0	13.0	-7.5	319.5	320.3	0.2	15.3	9.5	100.
21.1	72.8	7370.4	400.0	-26.2	-44.8	306.1	15.5	12.5	-9.1	320.9	321.8	0.2	15.4	10.6	102.
22.7	76.7	7833.8	375.0	-30.0	-47.8	303.1	17.1	14.4	-9.3	321.9	322.4	0.1	15.7	12.0	105.
24.3	80.8	8322.0	350.0	-33.2	-50.4	298.5	19.5	17.2	-9.3	324.0	324.4	0.1	15.8	13.8	103.
26.1	85.2	8838.3	325.0	-37.7	-54.1	297.2	22.6	20.1	-10.3	324.7	325.0	0.1	15.9	16.0	109.
27.9	89.6	9385.4	300.0	-41.7	-59.9	291.3	23.5	21.9	-8.5	326.6	325.9	99.9	99.9	18.6	110.
29.9	94.4	9962.7	275.0	-46.3	-66.9	280.3	22.5	22.1	-4.0	328.2	325.9	99.9	99.9	21.2	109.
32.0	99.4	10595.8	250.0	-51.5	-74.9	275.1	26.0	25.9	-2.3	329.6	325.9	99.9	99.9	24.1	108.
34.1	104.8	11271.8	225.0	-56.4	-82.9	269.2	33.2	33.2	0.5	332.1	325.9	99.9	99.9	27.7	106.
36.7	110.3	12014.7	200.0	-58.2	-89.9	267.7	41.6	41.5	1.7	340.7	325.9	99.9	99.9	33.3	103.
39.4	116.2	12856.0	175.0	-57.8	-99.9	269.1	47.3	47.3	0.8	354.6	325.9	99.9	99.9	40.9	100.
42.6	122.7	13828.5	150.0	-59.2	-99.9	267.1	37.8	37.8	1.9	368.0	325.9	99.9	99.9	48.9	98.
48.1	129.7	14966.9	125.0	-59.9	-99.9	260.8	31.3	30.9	5.0	386.5	325.9	99.9	99.9	56.2	96.
50.5	137.0	16355.8	100.0	-62.0	-99.9	257.9	25.6	25.0	5.3	408.0	325.9	99.9	99.9	62.9	94.
55.9	145.0	18133.3	75.0	-62.1	-99.9	255.4	14.5	14.0	-4.8	440.7	325.9	99.9	99.9	69.9	92.
63.0	153.0	20611.7	50.0	-62.3	-99.9	332.6	5.4	2.5	-4.8	496.6	325.9	99.9	99.9	72.9	92.
75.2	161.7	25006.3	25.0	-62.5	-99.9	190.8	1.0	0.2	1.0	634.2	325.9	99.9	99.9	72.7	92.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA

28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	Y COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	108 163. 0
0.0	14.1	787.0	924.5	16.3	5.3	290.0	2.6	2.4	-0.9	296.0	312.5	6.1	48.0	0.0	0.	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.7	16.3	1015.3	900.0	15.6	4.4	3.3	4.9	-0.3	-4.9	297.6	313.6	5.8	47.1	0.3	123.	
1.5	18.7	1254.1	875.0	14.8	3.0	9.8	3.7	-0.6	-3.7	299.2	314.3	5.5	45.0	0.4	157.	
2.3	21.1	1498.7	850.0	13.2	1.6	347.5	2.3	0.5	-2.2	300.0	314.1	5.1	45.1	0.5	162.	
3.1	23.5	1749.0	825.0	11.1	0.8	329.5	1.7	0.8	-1.4	300.3	315.8	4.9	48.9	0.6	182.	
3.9	26.0	2004.9	800.0	9.3	1.2	264.9	2.3	2.3	0.2	301.1	315.6	5.2	57.0	0.7	159.	
4.7	28.4	2267.8	775.0	7.4	-0.2	228.6	4.7	3.5	3.1	301.8	315.1	4.8	58.4	0.7	145.	
5.6	30.9	2536.8	750.0	5.1	-1.6	212.2	7.5	4.2	6.7	302.2	310.1	2.1	61.7	0.7	117.	
6.5	33.6	2813.1	725.0	4.0	-12.5	218.9	7.5	4.7	5.8	303.9	310.1	2.1	61.7	0.8	82.	
7.4	36.2	3097.6	700.0	2.5	-20.7	234.6	5.1	4.2	3.0	305.3	308.5	1.0	61.7	1.1	73.	
8.4	38.5	3391.1	675.0	1.8	-22.2	248.0	5.1	4.8	2.0	307.6	310.7	1.0	61.7	1.4	70.	
9.3	41.7	3694.5	650.0	0.0	-23.7	262.3	6.0	6.0	0.6	309.0	311.8	0.9	61.7	1.7	71.	
10.4	44.6	4007.3	625.0	-2.1	-25.4	264.4	6.2	6.2	0.6	310.7	312.6	0.8	61.7	2.1	74.	
11.4	47.5	4330.1	600.0	-4.7	-27.4	269.8	7.3	7.3	0.0	311.6	313.5	0.7	61.7	2.5	76.	
12.6	50.5	4683.2	575.0	-7.2	-29.6	275.1	7.4	7.3	-0.6	312.1	313.8	0.6	61.7	3.0	79.	
13.7	53.6	5007.7	550.0	-10.1	-31.8	272.9	7.3	7.3	-0.5	313.3	314.7	0.5	61.7	3.5	81.	
14.9	56.8	5364.6	525.0	-12.6	-33.6	272.5	8.6	8.6	-0.4	314.9	316.2	0.4	61.7	4.0	83.	
16.1	60.0	5735.4	500.0	-14.9	-35.5	278.9	9.7	9.6	-1.5	317.4	318.6	0.3	61.7	4.7	84.	
17.4	63.4	6122.1	475.0	-16.6	-36.9	286.5	9.4	9.0	-2.7	319.2	320.2	0.3	61.7	5.4	87.	
18.7	67.0	6526.5	450.0	-19.1	-39.1	289.5	10.9	10.2	-3.6	320.9	321.8	0.3	61.7	6.1	89.	
20.1	70.6	6949.6	425.0	-21.9	-41.3	289.8	13.8	13.0	-4.7	322.3	323.0	0.2	61.7	7.1	93.	
21.7	74.4	7393.0	400.0	-25.1	-43.9	285.8	15.1	14.5	-4.1	323.1	323.7	0.2	61.7	8.4	95.	
23.3	78.3	7858.2	375.0	-29.1	-46.9	284.6	15.5	15.0	-3.9	324.4	324.8	0.1	61.7	9.9	97.	
25.1	82.5	8347.6	350.0	-32.9	-50.0	282.1	17.0	16.6	-3.6	325.0	325.3	0.1	61.7	11.3	97.	
26.8	86.8	8864.1	325.0	-37.5	-53.6	284.3	17.9	17.4	-4.4	326.8	326.8	0.1	61.7	13.4	98.	
28.9	91.2	9411.7	300.0	-41.7	-59.9	281.8	18.9	18.5	-3.8	328.8	328.8	0.1	61.7	15.6	98.	
30.9	96.0	9996.1	275.0	-45.9	-66.9	276.4	23.4	23.2	-2.6	331.3	331.3	0.1	61.7	18.1	98.	
33.2	101.2	10824.4	250.0	-50.3	-73.9	271.3	28.7	28.7	-0.7	334.6	334.6	0.1	61.7	21.7	98.	
35.6	106.4	11305.2	225.0	-54.8	-79.9	267.9	33.5	33.4	1.2	339.2	339.2	0.1	61.7	26.2	97.	
38.2	112.0	12051.7	200.0	-59.1	-84.0	264.0	42.2	42.0	4.4	343.2	343.2	0.1	61.7	31.8	95.	
41.1	118.0	12887.7	175.0	-58.8	-89.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

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 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 274  
TUCSON, ARIZONA

28 MARCH 1982

142 33. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CHTCT	HEIGHT GPM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	M <sub>X</sub> RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	787.0	922.1	9.7	5.5	120.0	4.1	-3.8	2.0	289.5	305.8	5.2	75.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	18.4	991.2	900.0	14.0	3.9	213.7	1.5	0.8	1.2	285.9	311.3	5.8	50.5	0.3	305.
1.4	18.8	1239.0	875.0	14.1	0.0	130.1	4.1	-3.1	2.6	298.5	311.6	4.7	40.7	0.4	308.
2.3	20.9	1473.2	850.0	13.4	0.0	143.0	3.2	-1.9	2.9	300.2	312.9	4.5	39.9	0.6	309.
3.0	23.2	1723.6	825.0	11.5	0.3	183.5	3.7	0.2	3.7	307.7	314.1	4.8	38.2	0.7	313.
3.7	25.6	1980.0	800.0	9.8	-1.8	208.2	8.4	3.0	5.5	301.8	315.5	4.2	44.1	0.8	320.
4.7	28.9	2242.7	775.0	7.9	-5.8	208.1	9.6	4.5	8.4	302.3	316.8	3.2	47.1	1.1	351.
5.5	30.5	2512.4	750.0	6.2	-13.0	201.7	11.8	4.3	10.9	303.3	318.0	1.9	48.2	1.6	1.0
6.3	33.0	2789.1	725.0	4.4	-18.8	227.3	10.5	4.8	9.3	304.3	319.0	1.2	49.1	2.1	1.0
7.3	35.6	3073.4	700.0	2.3	-21.7	223.3	7.2	4.9	5.3	305.1	320.5	1.0	49.5	2.6	12.
8.3	38.2	3366.7	675.0	0.1	-22.5	233.5	8.1	6.5	4.8	307.5	321.8	0.9	49.5	2.9	17.
9.2	40.9	3659.8	650.0	-0.1	-23.9	244.5	8.9	8.1	3.8	308.8	323.3	0.8	49.5	3.3	22.
10.1	43.6	3952.5	625.0	-2.3	-25.7	256.9	8.5	8.1	2.7	309.8	324.4	0.7	49.5	3.6	28.
11.3	46.4	4245.2	600.0	-4.4	-27.3	268.9	8.0	7.2	3.1	311.1	325.5	0.6	49.5	4.1	34.
12.4	49.4	4538.9	575.0	-6.5	-28.0	280.1	7.4	6.4	3.7	312.4	326.8	0.5	49.5	4.6	37.
13.5	52.3	4832.6	550.0	-8.0	-30.2	292.0	7.5	6.6	3.5	314.6	328.2	0.4	49.5	5.0	39.
14.8	55.4	5126.3	525.0	-10.2	-31.9	304.6	8.8	7.9	3.8	316.8	329.5	0.3	49.5	5.5	42.
16.0	58.6	5420.0	500.0	-12.8	-34.0	317.2	10.0	9.4	3.4	318.9	330.8	0.2	49.5	6.0	45.
17.3	61.9	5713.7	475.0	-15.6	-36.3	330.7	11.3	10.8	3.5	321.0	332.1	0.1	49.5	6.5	48.
18.8	65.3	6007.4	450.0	-18.6	-38.7	344.2	12.5	11.9	3.9	323.1	333.4	0.1	49.5	7.0	51.
20.0	68.9	6301.1	425.0	-22.0	-41.5	357.7	13.8	13.8	2.5	325.2	334.7	0.1	49.5	7.5	54.
21.5	72.5	6594.8	400.0	-25.6	-44.4	371.2	14.0	16.4	2.9	327.3	336.0	0.1	49.5	8.0	57.
23.0	76.3	6888.5	375.0	-29.4	-47.5	384.7	16.7	17.8	2.7	329.4	337.3	0.1	49.5	8.5	60.
24.6	80.3	7182.2	350.0	-33.6	-50.8	398.2	17.8	19.5	2.7	331.5	338.6	0.1	49.5	9.0	63.
26.5	84.5	7475.9	325.0	-38.1	-54.2	411.7	20.1	22.6	3.0	333.6	339.9	0.1	49.5	9.5	66.
28.3	88.8	7769.6	300.0	-42.4	-57.9	425.2	22.8	26.1	3.0	335.7	341.2	0.1	49.5	10.0	69.
30.5	93.4	8063.3	275.0	-46.6	-61.1	438.7	25.1	29.9	3.0	337.8	342.5	0.1	49.5	10.5	72.
32.6	98.2	8357.0	250.0	-51.6	-64.4	452.2	28.1	33.8	3.0	339.9	343.8	0.1	49.5	11.0	75.
34.5	103.4	8650.7	225.0	-56.2	-67.7	465.7	30.4	37.7	1.4	342.0	345.1	0.1	49.5	11.5	78.
36.5	109.0	8944.4	200.0	-61.1	-70.9	479.2	32.6	41.6	0.7	344.1	346.4	0.1	49.5	12.0	81.
39.0	114.7	9238.1	175.0	-65.2	-74.1	492.7	40.7	45.5	0.6	346.2	347.7	0.1	49.5	12.5	84.
41.7	121.0	9531.8	150.0	-69.2	-77.3	506.2	43.5	49.4	0.6	348.3	349.0	0.1	49.5	13.0	87.
45.2	127.7	9825.5	125.0	-73.3	-80.5	519.7	46.4	53.3	0.6	350.4	350.3	0.1	49.5	13.5	90.
49.1	135.0	10119.2	100.0	-77.3	-83.6	533.2	49.3	57.2	0.6	352.5	351.6	0.1	49.5	14.0	93.
54.1	142.5	10412.9	75.0	-81.3	-86.7	546.7	52.2	61.1	0.6	354.6	352.8	0.1	49.5	14.5	96.
61.0	150.5	10706.6	50.0	-85.3	-89.7	560.2	55.1	65.0	0.6	356.7	354.1	0.1	49.5	15.0	99.
99.9	99.9	99.9	25.0	39.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	172.0	1005.4	5.6	-6.9	90.0	3.1	-3.1	0.0	278.3	284.4	2.3	40.0	0.0	0.0
0.2	7.0	216.0	1000.0	4.9	-6.9	95.1	9.8	-9.8	0.9	278.0	284.1	2.3	42.0	0.2	277.
0.6	9.4	421.9	975.0	2.9	-6.5	106.7	9.8	-9.8	2.8	278.0	283.6	2.1	43.0	0.4	276.
1.6	11.9	631.4	950.0	1.1	-10.1	115.6	9.7	-9.4	4.2	278.0	283.6	1.9	42.8	0.8	289.
2.4	14.4	845.4	925.0	-0.2	-12.1	105.3	7.5	-7.2	2.0	279.2	283.6	1.8	39.9	1.3	289.
3.2	16.9	1084.3	900.0	-1.2	-13.1	99.3	6.9	-6.8	1.1	280.3	284.6	1.5	39.7	1.6	289.
4.0	19.4	1288.2	875.0	-2.9	-14.0	79.6	6.3	-6.2	-1.1	280.8	284.9	1.5	42.0	1.9	289.
4.8	21.9	1517.2	850.0	-4.0	-12.2	41.5	7.2	-4.8	-5.4	282.0	286.8	1.8	52.6	2.1	289.
5.6	24.5	1754.0	825.0	-2.5	-3.2	999.9	99.9	99.9	99.9	285.9	295.7	3.7	94.9	2.3	269.
6.5	27.0	1998.4	800.0	-2.2	-4.9	999.9	99.9	99.9	99.9	288.9	295.7	3.3	81.4	99.9	999.
7.4	29.7	2250.3	775.0	-3.9	-6.8	999.9	99.9	99.9	99.9	289.6	297.8	3.0	80.2	99.9	999.
8.3	32.3	2508.2	750.0	-6.4	-7.0	999.9	99.9	99.9	99.9	289.6	297.8	3.0	80.2	99.9	999.
9.2	35.0	2773.2	725.0	-6.3	-6.9	999.9	99.9	99.9	99.9	292.6	301.4	3.2	95.6	99.9	999.
10.2	37.7	3048.2	700.0	-6.2	-6.8	999.9	99.9	99.9	99.9	295.7	304.9	3.3	95.7	99.9	999.
11.1	40.4	3332.8	675.0	-6.9	-7.5	999.9	99.9	99.9	99.9	297.3	307.0	3.2	95.5	99.9	999.
12.2	43.2	3627.1	650.0	-8.0	-8.6	999.9	99.9	99.9	99.9	299.9	308.7	3.1	95.2	99.9	999.
13.2	46.0	3931.5	625.0	-9.2	-9.9	999.9	99.9	99.9	99.9	301.9	310.3	3.1	94.9	99.9	999.
14.3	48.8	4246.8	600.0	-10.9	-11.6	999.9	99.9	99.9	99.9	303.5	311.2	2.6	94.5	99.9	999.
15.4	51.7	4573.2	575.0	-12.8	-13.4	999.9	99.9	99.9	99.9	305.2	312.3	2.4	94.0	99.9	999.
16.4	54.6	4911.7	550.0	-14.4	-15.5	999.9	99.9	99.9	99.9	307.1	313.4	2.1	90.7	99.9	999.
17.7	57.6	99.9	525.0	99.9**	99.9	999.9	99.9	99.9	99.9	307.1	313.4	2.1	90.7	99.9	999.
18.9	60.8	99.9	500.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
20.2	63.9	99.9	475.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
21.5	67.0	99.9	450.0	-24.2	-27.3	999.9	99.9	99.9	99.9	312.8	315.7	0.9	75.4	99.9	999.
23.0	70.3	99.9	425.0	-26.4	-29.8	999.9	99.9	99.9	99.9	315.1	317.6	0.7	72.9	99.9	999.
24.3	73.6	99.9	400.0	-29.4	-32.8	999.9	99.9	99.9	99.9	316.8	318.9	0.6	71.7	99.9	999.
25.9	77.0	99.9	375.0	-32.9	-34.6	999.9	99.9	99.9	99.9	318.0	319.9	0.5	84.6	99.9	999.
27.6	80.7	99.9	350.0	-36.9	-39.9	999.9	99.9	99.9	99.9	319.0	320.2	0.3	72.7	99.9	999.
29.3	84.4	99.9	325.0	-41.7	-44.3	999.9	99.9	99.9	99.9	319.2	320.2	99.9	99.9	99.9	999.
31.3	88.3	99.9	300.0	-44.3	-47.9	999.9	99.9	99.9	99.9	323.0	323.0	99.9	99.9	99.9	999.
33.5	92.3	99.9	275.0	-48.5	-56.5	999.9	99.9	99.9	99.9	323.0	323.0	99.9	99.9	99.9	999.
35.7	96.7	99.9	250.0	-53.6	-59.9	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	99.9	999.
38.0	101.2	99.9	225.0	-57.5	-60.9	999.9	99.9	99.9	99.9	330.3	330.3	99.9	99.9	99.9	999.
40.6	106.0	99.9	200.0	-60.9	-60.9	999.9	99.9	99.9	99.9	338.4	338.4	99.9	99.9	99.9	999.
43.6	111.3	99.9	175.0	-59.3	-60.9	999.9	99.9	99.9	99.9	352.0	352.0	99.9	99.9	99.9	999.
47.1	117.0	99.9	150.0	-57.4	-60.9	999.9	99.9	99.9	99.9	371.2	371.2	99.9	99.9	99.9	999.
50.8	123.2	99.9	125.0	-58.8	-60.9	999.9	99.9	99.9	99.9	388.5	388.5	99.9	99.9	99.9	999.
55.2	130.5	99.9	100.0	-61.4	-60.9	999.9	99.9	99.9	99.9	409.1	409.1	99.9	99.9	99.9	999.
61.4	139.0	99.9	75.0	-60.9	-60.9	999.9	99.9	99.9	99.9	445.3	445.3	99.9	99.9	99.9	999.
70.7	149.0	99.9	50.0	-57.4	-60.9	999.9	99.9	99.9	99.9	508.2	508.2	99.9	99.9	99.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
27 MARCH 1982  
1415 GMT

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	172.0	1008.8	5.6	-4.5	80.0	5.2	-5.1	-0.9	278.2	278.2	2.7	48.0	0.0	0.0
0.3	6.5	227.5	1000.0	5.1	-4.5	109.8	4.3	-4.1	1.5	285.5	278.2	2.7	50.0	0.2	266.0
1.0	9.0	433.3	975.0	3.2	-6.8	111.5	8.1	-7.6	3.0	284.6	278.2	2.3	47.6	0.3	276.0
1.6	11.5	843.4	950.0	2.0	-12.3	107.1	11.1	-10.6	3.3	283.6	279.3	1.6	33.7	0.8	285.0
2.5	14.1	857.9	925.0	0.3	-12.4	101.1	9.7	-9.5	1.9	279.7	279.3	1.6	37.5	1.3	283.0
3.3	16.7	1077.2	900.0	-1.0	-11.7	94.5	9.8	-9.6	0.8	280.5	280.5	1.7	43.9	1.7	283.0
4.0	19.3	1301.2	875.0	-2.8	-13.5	84.5	9.8	-9.7	-0.9	280.9	280.9	1.5	43.4	2.2	281.0
4.9	22.0	1530.4	850.0	-3.4	-16.4	86.4	8.9	-8.1	-3.5	286.1	286.1	1.2	35.8	2.6	276.0
5.8	24.7	1768.3	825.0	-4.0	-15.0	67.8	8.5	-7.8	-3.2	288.4	288.4	1.4	41.9	3.3	272.0
6.5	27.4	2009.6	800.0	-3.0	-7.9	80.2	4.9	-4.9	-0.8	287.9	287.9	2.0	69.3	3.3	270.0
7.4	30.2	2280.6	775.0	-4.3	-5.2	89.1	1.3	-1.3	-0.4	295.2	289.2	3.4	94.2	3.4	270.0
8.3	33.0	2518.4	750.0	-5.5	-6.2	81.1	2.7	-2.5	-0.4	298.4	298.4	3.2	95.2	3.5	270.0
9.1	35.8	2784.2	725.0	-5.9	-6.6	31.9	1.5	-0.8	-1.3	299.5	299.5	3.2	95.2	3.5	269.0
10.0	38.6	3060.1	700.0	-5.2	-5.8	298.4	1.8	1.6	-0.9	302.0	298.8	3.5	95.0	3.6	268.0
10.8	41.4	3345.4	675.0	-6.4	-7.2	282.5	3.3	3.2	-0.5	306.8	298.4	3.3	94.4	3.6	268.0
11.9	44.3	3640.4	650.0	-7.2	-8.0	275.3	5.1	5.1	-0.5	310.1	300.8	3.2	94.2	3.2	268.0
12.9	47.3	3940.5	625.0	-9.0	-9.9	291.4	6.4	6.0	-2.4	302.2	302.2	2.9	93.2	2.9	268.0
13.9	50.1	4261.0	600.0	-10.3	-11.2	305.5	6.2	5.1	-3.6	304.2	304.2	2.7	93.3	2.6	262.0
14.9	53.1	4587.9	575.0	-11.9	-12.9	311.3	6.5	4.9	-4.3	308.1	308.1	2.5	92.0	2.3	255.0
16.1	56.1	4927.3	550.0	-13.9	-15.3	309.4	8.3	6.4	-5.3	307.7	307.7	2.1	88.6	2.1	243.0
17.4	59.3	5279.7	525.0	-16.0	-20.7	305.7	10.0	8.1	-5.8	309.2	309.2	1.4	86.8	1.9	223.0
18.6	62.5	5645.9	500.0	-18.2	-26.1	308.0	13.0	10.2	-8.0	310.9	310.9	0.3	49.6	2.0	200.0
19.8	65.8	6027.4	475.0	-20.6	-28.1	291.2	19.3	18.0	-7.0	312.5	312.5	1.0	61.1	2.5	174.0
21.2	69.1	6425.9	450.0	-22.9	-27.6	273.5	21.6	18.0	-1.3	314.5	314.5	0.9	55.0	3.4	143.0
22.5	72.6	6842.4	425.0	-26.2	-31.0	273.7	21.9	21.9	-1.4	315.4	315.4	0.7	53.7	4.7	127.0
24.0	76.0	7278.1	400.0	-29.4	-33.3	265.0	25.4	25.3	2.2	316.8	316.8	0.6	58.7	6.5	116.0
25.5	79.4	7735.6	375.0	-33.3	-38.1	263.5	27.0	26.8	3.1	317.5	317.5	0.4	62.1	8.5	103.0
27.0	83.0	8217.0	350.0	-35.8	-51.2	273.8	29.9	29.9	-2.0	320.4	320.4	0.1	18.6	11.0	101.0
28.6	86.7	8728.7	325.0	-39.3	-55.6	277.2	35.1	34.8	-4.4	322.5	322.5	0.1	15.7	14.1	101.0
30.4	90.7	9272.6	300.0	-43.3	-59.9	274.7	37.0	36.8	-3.1	324.4	324.4	99.9	99.9	18.0	100.0
32.3	94.8	9851.9	275.0	-48.1	-66.6	272.8	37.7	37.6	-1.9	325.1	325.1	99.9	99.9	22.3	99.0
34.5	99.2	10472.9	250.0	-52.7	-69.9	272.9	43.8	43.6	-2.2	327.7	327.7	99.9	99.9	27.4	98.0
36.5	103.8	11147.8	225.0	-58.5	-77.5	273.9	45.2	45.1	-2.8	331.9	331.9	99.9	99.9	33.1	97.0
38.9	108.4	11889.1	200.0	-59.3	-81.0	277.5	45.0	44.5	-5.9	338.9	338.9	99.9	99.9	39.8	97.0
41.8	113.5	12734.7	175.0	-55.3	-89.9	280.8	40.5	39.8	-7.6	358.6	358.6	99.9	99.9	47.1	97.0
45.1	119.0	13719.1	150.0	-55.1	-99.9	287.8	37.2	35.4	-11.4	375.2	375.2	99.9	99.9	54.6	98.0
46.9	125.0	14879.3	125.0	-55.6	-99.9	293.0	27.9	25.5	-11.2	394.4	394.4	99.9	99.9	62.4	99.0
53.6	131.7	16292.6	100.0	-57.9	-99.9	287.0	23.8	22.7	-6.9	415.9	415.9	99.9	99.9	69.1	101.0
58.5	142.7	18088.2	75.0	-58.9	-99.9	298.9	16.7	14.0	-7.5	449.5	449.5	99.9	99.9	76.1	101.0
61.2	148.7	20588.4	50.0	-57.2	-99.9	289.2	6.2	5.8	-2.0	508.8	508.8	99.9	99.9	81.4	102.0
79.8	159.3	25102.5	25.0	-52.8	-99.9	246.4	4.0	3.5	2.0	633.4	633.4	99.9	99.9	82.4	102.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
27 MARCH 1982  
1715 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	172.0	1008.0	8.2	-6.0	90.0	0.2	-6.2	0.0	280.7	287.3	2.4	36.0	0.0	0.0
0.2	6.9	237.7	1000.0	7.2	-7.3	121.1	5.4	-4.7	2.8	280.4	286.3	2.2	34.6	0.2	296.0
0.9	9.4	444.8	975.0	4.3	-8.2	108.5	6.0	-5.7	1.9	279.5	285.1	2.1	39.6	0.4	293.0
1.7	12.0	555.3	950.0	2.3	-8.6	84.8	7.6	-7.5	-0.7	279.5	285.2	2.1	44.2	0.7	284.0
2.4	14.6	869.9	925.0	-0.0	-9.3	76.2	7.8	-7.6	-1.9	279.3	284.8	2.0	49.6	1.0	276.0
3.2	17.2	1088.4	900.0	-2.2	-9.4	74.4	8.9	-8.5	-2.4	279.3	284.9	2.0	57.4	1.3	270.0
4.0	19.7	1311.5	875.0	-4.0	-11.4	68.2	10.5	-9.6	-4.2	282.7	284.6	1.8	56.0	1.8	265.0
4.8	22.2	1540.6	850.0	-3.3	-15.5	68.2	10.4	-9.2	-4.9	282.7	284.6	1.3	58.0	2.3	260.0
5.5	24.8	1776.7	825.0	-4.8	-17.1	77.1	7.5	-7.3	-1.7	284.9	288.3	1.2	65.7	3.0	258.0
6.3	27.5	2019.2	800.0	-4.8	-17.1	85.8	5.0	-5.0	-0.7	288.1	292.2	1.2	65.7	3.0	258.0
7.1	30.1	2289.3	775.0	-4.8	-17.1	79.5	3.4	-3.4	-0.2	290.7	297.8	1.2	88.9	3.4	259.0
8.0	32.8	2527.5	750.0	-5.4	-17.0	88.6	3.4	-3.4	-0.2	290.7	297.8	1.2	88.9	3.4	259.0
8.9	35.6	2793.7	725.0	-5.1	-15.9	139.1	1.2	-0.8	0.9	293.9	303.4	1.2	93.7	3.5	260.0
9.9	38.3	3070.1	700.0	-4.9	-15.9	244.5	1.6	1.4	0.7	297.0	307.2	1.2	93.7	3.5	260.0
10.9	41.1	3355.9	675.0	-5.6	-15.9	287.6	3.1	3.1	0.1	300.9	310.5	1.2	94.6	3.6	260.0
11.9	43.9	3651.2	650.0	-7.2	-18.2	288.0	2.9	2.8	-0.8	302.6	310.5	1.2	94.6	3.6	260.0
12.9	46.7	3956.6	625.0	-8.7	-20.2	300.2	2.7	2.4	-1.4	303.3	310.5	1.2	94.6	3.6	260.0
13.9	49.5	4271.9	600.0	-11.1	-22.6	295.1	3.9	3.5	-1.6	305.5	312.4	1.2	94.6	3.6	260.0
14.9	52.3	4598.3	575.0	-12.4	-24.5	284.5	5.0	4.9	-1.3	307.3	313.4	1.2	94.6	3.6	260.0
15.9	55.1	4937.0	550.0	-14.2	-26.1	284.1	4.3	4.2	-1.0	307.3	313.4	1.2	94.6	3.6	260.0
16.9	57.9	5288.7	525.0	-16.5	-28.6	285.7	6.3	6.0	-1.7	310.5	315.7	1.2	94.6	3.6	260.0
17.9	60.7	5654.4	500.0	-18.5	-31.0	285.5	8.2	7.9	-2.2	311.9	316.8	1.2	94.6	3.6	260.0
18.9	63.5	6035.3	475.0	-21.1	-33.7	285.9	9.9	9.9	-2.2	313.6	317.1	1.2	94.6	3.6	260.0
19.9	66.3	6432.8	450.0	-23.6	-36.4	285.9	9.9	9.9	-2.2	314.5	317.1	1.2	94.6	3.6	260.0
20.9	69.1	6848.2	425.0	-26.9*	-39.9	285.9	9.9	9.9	-2.2	315.8	317.1	1.2	94.6	3.6	260.0
21.9	71.9	7282.5	400.0	-30.3*	-42.3	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
22.9	74.7	7737.8	375.0	-34.6	-45.0	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
23.9	77.5	8215.8	350.0	-38.2	-48.3	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
24.9	80.3	8724.9	325.0	-42.7	-52.0	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
25.9	83.1	9268.5	300.0	-47.2	-55.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
26.9	85.9	9847.4	275.0	-52.1	-59.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
27.9	88.7	10469.1	250.0	-57.2	-63.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
28.9	91.5	11145.5	225.0	-62.1	-67.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
29.9	94.3	11890.8	200.0	-67.2	-71.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
30.9	97.1	12737.8	175.0	-72.2	-75.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
31.9	100.0	13726.1	150.0	-77.2	-79.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
32.9	102.8	14888.9	125.0	-82.2	-83.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
33.9	105.6	16299.7	100.0	-87.2	-87.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
34.9	108.4	18100.3	75.0	-92.2	-91.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
35.9	111.2	20851.9	50.0	-97.2	-95.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0
36.9	114.0	25112.9	25.0	-102.2	-100.9	285.9	9.9	9.9	-2.2	317.3	317.1	1.2	94.6	3.6	260.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS

27 MARCH 1982  
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	172.0	1008.6	8.9	-6.9	70.0	6.2	-5.8	-2.1	281.5	287.7	2.3	32.0	0.0	0
0.2	8.8	226.3	1000.0	7.8	-7.6	51.8	8.0	-6.3	-4.9	280.8	280.8	2.2	32.5	0.2	258
0.8	9.3	434.1	975.0	5.8	-8.2	52.2	8.9	-7.0	-5.5	280.3	280.3	2.1	36.3	0.5	236
1.2	11.7	845.7	950.0	3.3	-8.6	66.1	9.3	-8.5	-3.8	280.5	286.2	2.2	41.4	0.8	237
1.8	14.2	861.1	925.0	1.2	-8.6	79.9	9.0	-8.9	-1.6	280.5	286.2	2.2	48.2	1.1	248
2.5	16.3	1080.6	900.0	-1.0	-8.7	87.0	8.8	-8.6	-0.4	280.5	286.5	2.2	55.2	1.5	248
3.4	19.3	1304.6	875.0	-3.0	-8.8	89.3	7.5	-7.5	-0.1	280.5	286.5	2.2	64.3	1.9	253
4.4	21.9	1533.3	850.0	-5.3	-9.8	81.6	7.3	-7.3	-1.1	280.5	286.5	2.2	71.8	2.2	255
5.1	24.4	1787.0	825.0	-7.0	-9.8	81.6	7.8	-7.3	-2.1	280.5	286.5	2.2	77.4	2.6	258
5.9	27.0	2008.0	800.0	-9.0	-14.0	73.7	5.2	-4.9	-1.7	287.7	296.9	3.4	80.3	2.9	255
6.7	29.8	2260.0	775.0	-11.2	-14.6	71.3	5.2	-6.3	-2.2	287.7	296.9	3.4	85.7	3.1	255
7.5	32.2	2519.1	750.0	-12.9	-8.5	70.4	6.7	-8.3	-2.2	290.6	300.6	3.1	85.7	3.5	255
8.3	34.9	2786.5	725.0	-15.3	-8.5	74.8	6.5	-3.2	-1.7	291.8	305.9	3.1	85.7	3.7	255
9.1	37.8	3083.9	700.0	-17.5	-4.7	88.8	3.2	-0.2	-0.5	297.3	308.8	3.9	96.5	3.8	255
10.1	40.3	3350.5	675.0	-20.7	-5.6	11.5	1.2	-0.2	-1.2	299.9	310.6	3.3	92.6	3.9	255
11.1	43.1	3646.6	650.0	-23.8	-7.6	27.8	1.7	-0.8	-1.4	301.5	311.0	3.3	92.6	4.0	255
12.2	45.9	3952.5	625.0	-27.0	-9.7	316.7	2.0	4.5	0.1	303.3	311.9	2.9	89.6	3.7	251
13.2	48.8	4289.0	600.0	-30.8	-11.2	285.6	4.5	5.4	0.4	304.8	312.8	2.7	89.6	3.7	251
14.2	51.7	4598.8	575.0	-34.5	-12.9	285.6	5.3	5.9	0.7	307.4	313.5	2.5	91.0	3.4	250
15.2	54.7	4935.8	550.0	-37.1	-15.3	283.6	8.5	8.5	0.6	308.9	313.8	2.1	91.0	3.1	248
16.4	57.7	5287.7	525.0	-40.0	-17.5	268.2	11.5	11.5	-0.0	310.7	314.3	1.8	90.3	2.7	248
17.5	60.8	5653.7	500.0	-43.5	-20.7	270.2	19.0	10.5	0.2	312.0	315.3	1.5	81.4	2.0	235
18.3	64.0	6034.8	475.0	-47.2	-30.5	269.1	20.8	17.5	-7.5	313.1	315.6	0.8	63.9	1.3	215
20.4	67.1	6432.1	450.0	-51.2	-38.9	288.5	24.1	19.5	-8.5	313.7	315.9	0.7	74.1	0.8	122
21.8	70.5	6846.2	425.0	-55.0	-46.0	244.2	15.8	21.7	10.5	314.6	318.2	0.5	65.2	1.7	145
23.4	74.0	7279.3	400.0	-58.0	-51.2	258.6	25.0	15.5	3.1	315.9	317.3	0.4	71.4	3.3	90
25.0	77.4	7734.3	375.0	-61.0	-58.0	282.7	34.8	24.8	3.2	318.8	319.1	0.2	38.3	4.7	90
26.9	81.0	8213.6	350.0	-64.0	-64.0	282.7	34.8	34.4	5.1	321.7	319.1	99.9	99.9	8.3	88
28.8	84.7	8723.5	325.0	-67.0	-69.9	281.6	34.8	38.7	3.9	324.0	319.1	99.9	99.9	10.3	88
30.6	88.7	9286.2	300.0	-70.0	-75.9	284.2	38.9	42.8	3.9	328.9	319.1	99.9	99.9	14.3	88
32.4	92.7	9847.0	275.0	-73.0	-82.0	284.5	43.0	43.0	4.1	330.0	319.1	99.9	99.9	18.7	88
34.5	97.0	10472.0	250.0	-75.0	-89.9	265.0	43.2	43.0	3.8	334.2	319.1	99.9	99.9	24.3	88
36.6	101.8	11150.8	225.0	-78.0	-96.9	268.7	41.1	41.1	1.0	334.2	319.1	99.9	99.9	29.7	88
39.0	106.4	11901.2	200.0	-81.0	-103.0	270.7	39.1	39.1	-0.5	345.2	319.1	99.9	99.9	35.4	98
41.6	111.8	12761.2	175.0	-84.0	-109.0	274.5	38.1	38.1	-3.0	352.1	319.1	99.9	99.9	41.4	89
44.4	117.5	13749.9	150.0	-87.0	-115.0	285.9	33.5	32.2	-8.2	374.6	319.1	99.9	99.9	47.4	89
48.1	124.0	14908.0	125.0	-90.0	-121.0	283.6	31.8	31.0	-7.5	391.1	319.1	99.9	99.9	54.1	91
52.4	131.2	16319.9	100.0	-93.0	-127.0	286.4	23.5	22.8	-6.6	417.3	319.1	99.9	99.9	61.2	91
57.7	139.7	18123.7	75.0	-96.0	-133.0	289.6	16.8	15.6	-5.6	443.8	319.1	99.9	99.9	67.4	91
64.8	149.3	20672.2	50.0	-99.0	-139.0	282.5	7.5	7.3	-1.6	509.4	319.1	99.9	99.9	72.2	95
75.9	160.0	25133.0	25.0	-101.0	-145.0	999.9	99.9	99.9	99.9	638.0	319.1	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS

27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	172.0	1005.8	8.4	-4.7	60.0	5.7	-4.9	-2.8	281.1	288.3	2.7	39.0	0.0	0
0.1	7.0	219.7	1000.0	8.1	-7.1	75.9	8.0	-7.8	-1.5	281.0	287.3	2.2	33.0	0.2	245
0.8	9.4	427.8	975.0	5.9	-6.9	79.4	8.1	-7.9	-2.0	281.0	287.3	2.3	39.3	0.4	252
1.5	11.9	639.4	950.0	3.4	-7.1	70.9	8.3	-7.9	-2.7	280.6	287.0	2.4	45.9	0.7	252
2.2	14.3	855.0	925.0	1.4	-7.0	70.4	8.1	-7.6	-2.7	280.7	287.3	2.4	53.6	1.0	251
2.9	16.8	1074.8	900.0	-0.7	-7.2	73.2	8.2	-7.9	-2.4	280.8	287.4	2.5	61.6	1.4	251
3.6	19.3	1299.0	875.0	-2.9	-7.1	69.5	7.8	-7.3	-2.7	280.8	287.6	2.6	72.6	1.7	252
4.5	21.9	1527.7	850.0	-5.3	-7.4	58.1	7.4	-6.3	-3.9	280.6	287.5	2.8	85.5	2.1	250
5.3	24.4	1761.7	825.0	-5.3	-7.4	63.3	8.2	-7.3	-3.7	280.6	287.5	1.4	95.5	2.5	248
6.3	26.5	2004.5	800.0	-3.0	-19.3	70.1	5.7	-5.4	-1.9	280.4	291.0	1.2	95.5	2.9	248
7.1	29.6	2255.9	775.0	-3.2	-17.3	94.5	5.8	-5.8	0.5	290.4	294.1	1.2	92.5	3.2	248
7.9	32.2	2515.1	750.0	-4.2	-9.3	103.5	5.1	-5.0	1.2	292.0	299.2	2.5	82.4	3.4	251
8.8	34.9	2782.5	725.0	-4.7	-4.7	111.1	3.4	-3.2	1.0	294.9	305.3	3.7	98.1	3.6	254
9.8	37.5	3059.2	700.0	-5.1	-5.6	107.6	3.2	-3.0	1.6	298.9	307.0	3.6	95.9	3.7	255
10.8	40.3	3344.8	675.0	-6.1	-8.1	117.8	4.6	-3.1	3.4	300.5	309.7	3.2	95.7	3.9	260
11.9	43.0	3639.8	650.0	-7.5	-8.1	136.8	4.1	-0.1	4.1	301.8	310.2	2.9	94.9	4.1	263
12.9	45.9	3944.8	625.0	-9.3	-10.0	177.9	4.9	2.9	4.0	303.7	311.5	2.7	94.5	4.0	266
14.0	48.7	4259.8	600.0	-10.7	-11.4	216.3	6.3	5.4	2.3	305.8	313.2	2.5	93.5	3.7	270
15.0	51.6	4586.6	575.0	-12.1	-12.9	239.1	7.3	6.8	2.7	307.4	314.0	2.2	92.7	3.4	273
16.1	54.5	4925.8	550.0	-14.1	-14.9	248.5	8.9	8.4	3.0	308.3	313.9	1.8	92.7	2.9	277
17.3	57.4	5277.7	525.0	-16.7	-17.6	250.4	10.7	10.5	2.1	309.2	313.6	1.6	87.6	2.2	285
18.5	60.4	5642.5	500.0	-19.6	-21.1	258.7	11.2	11.2	-0.7	309.5	312.0	0.8	60.4	1.4	298
19.8	63.6	6020.9	475.0	-23.0	-23.5	273.6	99.9	99.9	99.9	311.1	312.4	0.4	48.6	0.6	316
21.1	66.8	6415.1	450.0	-25.6	-25.6	999.9	99.9	99.9	99.9	312.9	314.3	0.4	99.9	99.9	999
22.5	70.0	6827.7	425.0	-28.2	-35.6	999.9	99.9	99.9	99.9	313.6	999.9	99.9	99.9	99.9	999
23.8	73.4	7259.8	400.0	-31.8	-35.6	999.9	99.9	99.9	99.9	313.9	999.9	99.9	99.9	99.9	999
25.2	76.9	7711.9	375.0	-36.0	-36.0	999.9	99.9	99.9	99.9	316.3	999.9	99.9	99.9	99.9	999
26.6	80.4	8187.9	350.0	-38.9	-38.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	99.9	99.9	999
28.0	84.0	8692.4	325.0	-41.9	-39.3	999.9	99.9	99.9	99.9	324.1	999.9	99.9	99.9	99.9	999
30.1	87.9	9232.7	300.0	-43.5	-39.9	999.9	99.9	99.9	99.9	328.1	999.9	99.9	99.9	99.9	999
31.9	91.9	9813.0	275.0	-47.8	-39.9	261.7	38.7	38.3	5.6	328.1	999.9	99.9	99.9	12.0	72
34.2	96.2	10436.8	250.0	-51.5	-39.9	263.0	41.8	41.5	5.1	329.5	999.9	99.9	99.9	17.5	78
36.6	100.7	11116.3	225.0	-53.8	-39.9	265.0	39.9	39.8	3.5	336.1	999.9	99.9	99.9	23.5	79
38.3	105.4	11872.3	200.0	-55.1	-39.9	273.5	38.7	36.7	-2.2	345.6	999.9	99.9	99.9	29.6	81
40.3	110.6	12723.9	175.0	-55.8	-39.9	277.9	35.2	34.9	-4.8	357.9	999.9	99.9	99.9	35.7	84
42.3	116.2	13705.5	150.0	-55.2	-39.9	284.0	35.0	34.0	-8.5	375.0	999.9	99.9	99.9	42.6	87
45.6	122.5	14883.7	125.0	-56.8	-39.9	284.2	28.8	27.9	-7.1	392.1	999.9	99.9	99.9	49.9	90
49.6	129.7	16267.5	100.0	-60.1	-39.9	284.0	25.2	24.5	-6.1	411.6	999.9	99.9	99.9	57.3	91
54.4	137.7	18050.3	75.0	-62.1	-39.9	292.1	18.3	15.5	-6.3	442.7	999.9	99.9	99.9	64.0	93
60.2	147.0	20586.8	50.0	-56.7	-39.9	283.0	7.1	6.9	-1.8	510.0	999.9	99.9	99.9	84.0	95
67.6	157.7	25042.9	25.0	-52.2	-39.9	235.5	3.9	3.2	2.2	634.9	999.9	99.9	99.9	88.5	95

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
28 MARCH 1982  
200 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	172.0	1008.8	7.1	-11.9	50.0	8.2	-5.4	-3.1	279.7	284.0	1.6	25.0	0.0	0.0
0.1	8.6	227.7	1000.0	6.7	-10.6	83.1	8.0	-7.1	-1.6	279.8	284.5	1.7	28.0	0.1	284.0
0.8	9.1	434.7	975.0	4.7	-9.2	85.2	9.7	-8.9	-4.0	279.9	285.2	1.9	35.4	0.4	284.0
1.5	11.5	615.7	950.0	2.8	-8.9	84.3	11.0	-9.9	-4.8	280.1	285.2	1.9	38.5	0.6	284.0
2.3	13.9	860.6	925.0	0.7	-10.3	85.4	11.2	-10.2	-4.7	280.1	285.2	2.0	43.1	1.3	284.0
3.0	16.4	1079.9	900.0	-1.3	-9.8	71.1	9.9	-9.4	-3.2	280.2	285.2	2.0	52.4	1.3	284.0
3.7	18.8	1303.7	875.0	-3.1	-9.6	75.4	10.0	-9.7	-2.5	280.5	286.3	2.1	60.9	2.2	284.0
4.4	21.3	1532.6	850.0	-4.2	-14.4	77.4	9.9	-9.7	-2.2	281.8	286.3	1.5	49.6	2.6	284.0
5.1	23.8	1768.3	825.0	-3.0	-23.4	89.4	8.7	-8.7	-0.1	285.5	287.6	0.8	18.9	3.0	250.0
5.9	26.4	2012.5	800.0	-2.2	-22.3	101.9	7.6	-7.4	1.6	288.8	291.1	0.8	18.6	3.4	252.0
6.7	28.9	2264.3	775.0	-2.8	-22.3	109.6	5.6	-5.3	1.9	293.0	293.5	0.8	20.3	3.6	255.0
7.4	31.5	2524.0	750.0	-3.3	-5.0	122.8	4.3	-3.6	2.3	293.0	302.9	3.5	87.9	3.8	257.0
8.2	34.1	2792.8	725.0	-3.5	-3.9	127.0	4.1	-3.3	2.5	295.7	306.7	4.0	97.0	4.0	260.0
9.0	36.8	3070.0	700.0	-4.6	-5.1	131.3	4.8	-3.6	3.2	297.4	307.9	3.8	98.7	4.1	262.0
10.1	39.4	3356.2	675.0	-5.4	-5.9	144.3	5.7	-3.3	4.6	299.6	310.0	3.7	98.0	4.3	265.0
10.9	42.1	3652.0	650.0	-7.0	-7.5	185.6	5.8	-1.5	5.6	301.1	310.8	3.4	98.3	4.4	269.0
11.9	44.9	3957.4	625.0	-8.6	-9.1	201.3	4.9	1.8	4.6	302.8	311.8	3.1	95.9	4.4	273.0
13.0	47.7	4273.4	600.0	-10.3	-10.9	250.3	6.0	5.7	2.0	304.2	312.3	2.8	95.5	4.2	278.0
14.0	50.6	4600.0	575.0	-12.6	-13.3	287.5	5.8	5.8	0.3	305.2	312.3	2.4	94.9	3.8	277.0
15.1	53.5	4938.3	550.0	-14.6	-15.5	289.6	4.4	4.3	-0.9	306.8	313.1	2.1	92.3	3.5	278.0
16.1	56.4	5290.0	525.0	-16.6	-18.3	289.6	5.1	4.8	-1.7	308.5	313.8	1.7	86.4	3.2	277.0
17.3	59.5	5655.1	500.0	-19.1	-22.1	290.1	5.1	4.8	-1.7	309.7	313.8	1.3	77.4	2.8	275.0
18.5	62.5	6035.1	475.0	-21.8	-25.1	292.1	4.9	4.6	-1.9	311.0	314.4	1.0	74.4	2.5	273.0
19.8	65.8	6431.0	450.0	-24.9	-28.0	291.6	5.5	5.1	-2.0	312.0	314.5	0.8	68.5	2.1	269.0
21.1	68.9	6844.0	425.0	-28.2	-33.6	299.9	99.9	99.9	99.9	312.9	314.6	0.5	59.5	1.7	263.0
22.5	72.3	7276.1	400.0	-31.8	-37.1	999.9	99.9	99.9	99.9	313.7	315.0	0.4	59.1	99.9	99.9
23.8	75.6	99.9	375.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
25.4	79.1	99.9	350.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
26.9	82.6	99.9	325.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
28.6	86.6	99.9	300.0	-45.6	99.9	999.9	99.9	99.9	99.9	321.2	999.9	99.9	99.9	99.9	99.9
30.8	90.7	99.9	275.0	-46.2	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	99.9	99.9	99.9
33.1	94.8	99.9	250.0	-52.7	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	99.9	99.9	99.9
35.4	99.2	99.9	225.0	-54.7	99.9	999.9	99.9	99.9	99.9	337.8	999.9	99.9	99.9	99.9	99.9
38.0	103.8	99.9	200.0	-54.5	99.9	999.9	99.9	99.9	99.9	345.3	999.9	99.9	99.9	99.9	99.9
41.1	109.0	99.9	175.0	-54.5	99.9	999.9	99.9	99.9	99.9	359.3	999.9	99.9	99.9	99.9	99.9
44.4	114.5	99.9	150.0	-57.5	99.9	999.9	99.9	99.9	99.9	375.3	999.9	99.9	99.9	99.9	99.9
48.3	120.5	99.9	125.0	-57.5	99.9	999.9	99.9	99.9	99.9	390.9	999.9	99.9	99.9	99.9	99.9
52.7	127.5	99.9	100.0	-60.0	99.9	999.9	99.9	99.9	99.9	411.3	999.9	99.9	99.9	99.9	99.9
57.8	135.5	99.9	75.0	-81.8	99.9	999.9	99.9	99.9	99.9	443.5	999.9	99.9	99.9	99.9	99.9
65.1	145.0	99.9	50.0	-57.2	99.9	99.9	99.9	99.9	99.9	508.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

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OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
28 MARCH 1982  
500 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	U CORP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MZ PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	172.0	1007.2	6.0	-8.3	60.0	5.2	-4.5	278.6	284.1	2.0	35.0	0.0	0.0
0.2	8.0	230.7	1000.0	5.3	-9.1	74.2	9.0	-8.6	278.4	283.6	1.9	34.4	0.2	242.
0.7	9.1	436.7	975.0	3.4	-9.5	71.1	9.6	-9.1	278.6	283.7	1.9	38.2	0.3	247.
1.5	11.5	646.7	950.0	1.4	-9.5	69.7	11.9	-11.1	278.6	283.9	1.9	43.8	0.8	247.
2.3	14.0	860.6	920.0	0.0	-9.5	83.4	12.7	-12.6	278.4	284.4	1.8	44.7	1.4	256.
3.1	18.5	1079.6	900.0	-1.6	-11.2	100.5	11.1	-10.9	279.9	284.8	1.8	47.6	2.0	262.
3.8	19.9	1303.5	875.0	-2.3	-12.2	119.6	8.9	-7.7	281.4	286.1	1.7	46.5	2.4	262.
4.7	21.6	1533.3	850.0	-3.2	-17.5	123.6	7.6	-6.3	282.8	286.2	1.2	46.5	2.7	262.
5.5	24.2	1789.6	825.0	-2.5	-25.5	121.7	6.3	-5.4	286.0	295.0	0.6	15.0	3.0	272.
6.4	26.7	2014.0	800.0	-1.0	-14.7	123.2	5.4	-4.6	290.1	295.0	1.7	38.0	3.2	275.
7.1	29.1	2267.6	775.0	-1.3	-8.4	124.2	4.9	-3.1	292.4	304.7	2.6	58.4	3.5	279.
8.0	31.7	2528.7	750.0	-2.5	-3.6	141.3	4.9	-3.1	293.9	306.3	3.3	92.6	3.7	279.
9.0	34.4	2797.4	725.0	-3.7	-4.2	145.5	5.8	-3.3	295.5	307.3	3.9	96.2	3.9	282.
9.9	37.0	3074.3	700.0	-4.9	-5.5	154.1	6.2	-2.7	297.0	308.7	3.5	95.7	4.1	285.
10.8	39.8	3360.1	675.0	-6.1	-6.6	172.5	6.0	-0.8	298.9	309.7	3.2	95.4	4.3	289.
11.8	42.4	3655.5	650.0	-7.3	-7.9	194.6	3.9	1.0	300.7	310.0	2.5	95.4	4.4	293.
12.8	45.3	3959.9	625.0	-10.0	-11.7	241.2	1.8	1.6	301.1	308.4	2.4	85.9	4.4	295.
14.1	48.1	4273.7	600.0	-12.0	-12.8	274.7	1.7	1.7	302.2	309.2	2.1	94.1	4.2	297.
15.3	51.0	4598.4	575.0	-15.0	-14.6	275.3	2.4	2.3	303.8	310.1	2.1	93.6	4.0	298.
16.5	53.9	4936.0	550.0	-17.0	-21.8	272.1	4.3	6.2	306.3	310.1	1.2	55.7	3.7	301.
17.7	56.9	5286.6	525.0	-19.7	-24.9	269.3	6.2	6.7	308.0	311.9	0.9	50.1	3.2	306.
19.0	60.0	5650.9	500.0	-22.6	-26.2	266.8	7.5	7.4	309.0	311.9	0.6	55.6	3.2	313.
20.2	63.1	6029.8	475.0	-26.0	-31.7	258.4	8.4	8.2	310.0	311.9	0.5	45.0	2.9	325.
21.6	66.3	6424.3	450.0	-29.2	-34.3	256.9	8.4	8.2	310.6	312.2	0.3	43.2	2.2	343.
23.0	69.4	6835.5	425.0	-32.9	-37.7	258.8	10.1	10.1	311.6	312.8	0.3	43.5	2.2	35.
24.0	72.7	7285.4	400.0	-36.3	-41.1	275.2	10.5	10.4	312.2	313.1	0.3	17.4	2.3	25.
26.1	76.1	7716.4	375.0	-40.3	-52.2	275.2	14.0	14.0	313.5	313.8	0.1	99.9	2.9	50.
27.8	79.7	8191.3	350.0	-43.4	99.9	283.4	14.4	19.9	314.5	315.8	99.9	99.9	4.2	71.
29.5	83.4	8693.5	325.0	-46.2	99.9	285.0	20.7	27.3	316.8	316.9	99.9	99.9	6.6	84.
31.3	87.2	9227.5	300.0	-48.6	99.9	285.3	28.3	33.4	320.3	319.9	99.9	99.9	10.1	91.
32.3	91.2	9803.3	275.0	-52.5	99.9	279.2	33.1	38.9	324.6	318.0	99.9	99.9	15.2	93.
35.6	95.5	10424.8	250.0	-55.3	99.9	275.6	37.1	36.9	328.0	318.0	99.9	99.9	20.2	92.
37.9	100.0	11102.0	225.0	-55.3	99.9	275.0	36.9	36.8	332.7	318.0	99.9	99.9	25.2	94.
40.3	104.8	11852.7	200.0	-55.3	99.9	277.9	31.0	30.7	335.2	318.0	99.9	99.9	30.6	94.
43.3	110.0	12704.8	175.0	-53.9	99.9	270.3	32.0	32.0	338.6	318.0	99.9	99.9	37.1	93.
46.5	115.7	13688.3	150.0	-53.9	99.9	278.5	35.6	35.4	377.2	318.0	99.9	99.9	44.4	95.
50.2	122.0	14848.1	125.0	-58.4	99.9	284.8	29.2	28.2	399.3	318.0	99.9	99.9	50.3	96.
54.0	129.0	16241.7	100.0	-59.1	99.9	282.3	22.8	22.2	413.7	318.0	99.9	99.9	55.8	96.
58.3	137.3	18022.7	75.0	-63.6	99.9	284.0	17.6	17.0	439.6	318.0	99.9	99.9	60.9	97.
65.8	147.0	20534.4	50.0	-59.1	99.9	292.3	5.9	5.4	504.3	318.0	99.9	99.9	62.1	97.
76.8	158.0	24911.2	25.0	-54.5	99.9	277.9	4.5	2.8	677.9	318.0	99.9	99.9	62.1	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS

28 MARCH 1982

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 8. 1

TIME MIN	ONTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	172.0	1008.2	2.8	-4.6	50.0	1.2	-4.0	-3.3	275.3	282.3	2.7	58.0	0.0	0.
0.2	7.0	238.1	1008.0	2.6	-5.6	206.7	2.3	1.0	2.0	275.8	282.4	2.5	54.4	0.5	234.
1.0	9.5	442.2	975.0	0.4	-6.2	115.1	4.5	-4.1	1.9	275.8	282.0	2.5	50.7	0.3	239.
1.7	12.0	550.1	950.0	-0.1	-6.3	93.2	9.4	-9.4	0.5	275.8	282.3	2.5	56.1	0.3	251.
2.6	14.6	863.7	925.0	-0.9	-12.8	108.9	8.6	-8.1	2.8	278.2	283.5	1.5	37.7	1.3	262.
3.3	17.1	1082.7	900.0	-0.9	-13.6	112.3	7.5	-6.8	2.8	280.6	284.7	1.5	37.1	1.6	258.
4.1	19.7	1307.0	875.0	-2.1	-13.6	109.1	5.0	-4.7	1.8	281.6	286.1	1.3	43.4	1.9	272.
4.9	22.3	1537.8	850.0	-2.7	-18.1	101.5	3.7	-3.6	0.7	283.3	287.2	1.4	37.9	2.1	273.
5.7	24.9	1773.8	825.0	-2.4	-19.7	101.5	3.0	-2.9	1.0	283.3	289.0	1.4	25.0	2.2	274.
6.4	27.8	2018.1	800.0	-2.8	-8.8	137.2	3.6	-2.5	2.7	288.2	295.2	2.5	95.3	2.4	276.
7.4	30.2	2269.6	775.0	-3.5	-4.2	152.6	2.8	-1.8	3.4	290.0	299.9	3.6	95.3	2.5	279.
8.3	32.9	2529.3	750.0	-4.1	-3.9	167.3	4.0	-0.9	3.6	292.9	303.5	3.7	98.3	2.7	283.
9.2	35.6	2797.6	725.0	-4.1	-4.6	172.7	2.8	-0.3	2.6	295.0	305.4	3.7	98.1	2.7	287.
10.2	38.3	3074.1	700.0	-5.2	-5.6	170.6	1.6	-0.3	1.6	296.7	308.7	3.5	95.9	2.7	299.
11.1	41.1	3359.3	675.0	-8.5	-11.1	158.4	2.4	-1.0	2.2	298.4	307.9	3.3	95.6	2.8	291.
12.1	43.9	3653.6	650.0	-7.9	-11.2	177.5	3.1	-0.1	3.1	300.0	307.3	2.5	95.6	2.9	293.
13.1	46.8	3957.8	625.0	-9.5	-12.2	213.3	4.3	2.4	3.8	301.6	308.7	2.4	80.2	2.9	304.
14.3	49.7	4272.3	600.0	-11.5	-14.9	252.4	7.5	7.1	2.3	302.8	308.8	2.0	75.9	2.8	304.
15.4	52.6	4597.6	575.0	-13.5	-21.6	260.5	8.6	8.5	1.3	304.2	307.9	1.2	50.4	2.4	315.
16.5	55.6	4934.1	550.0	-16.3	-28.0	260.5	8.1	8.0	1.4	304.2	307.9	0.7	35.7	2.1	327.
17.7	58.6	5283.2	525.0	-17.8	-26.8	262.3	8.0	7.9	-0.1	307.0	310.3	0.6	35.7	1.9	333.
18.8	61.8	5646.4	500.0	-20.3	-30.4	270.8	8.7	7.7	-0.1	308.3	310.3	0.3	35.7	1.9	333.
20.3	64.8	6024.0	475.0	-23.2	-37.8	264.7	12.1	12.1	1.1	309.2	310.3	0.3	35.7	2.1	24.
21.7	68.0	6417.2	450.0	-26.1	-41.6	260.7	13.7	13.6	2.2	310.5	312.9	0.2	24.7	2.9	44.
23.1	71.3	6828.8	425.0	-28.8	-43.2	262.3	15.4	15.3	2.1	312.1	312.9	0.2	23.4	3.9	55.
24.7	74.7	7259.5	400.0	-32.1	-45.6	261.8	18.7	18.5	2.4	313.2	313.8	0.2	24.8	5.3	63.
26.4	78.1	7711.3	375.0	-35.9	-48.9	259.8	18.8	18.3	3.3	314.1	314.5	0.1	24.5	7.0	67.
28.2	81.7	8187.2	350.0	-39.3	-52.2	267.0	20.9	20.7	2.9	315.8	315.1	0.1	23.6	9.1	70.
30.1	85.3	8691.5	325.0	-42.4	-59.9	267.1	22.4	22.3	1.2	318.3	318.9	99.9	99.9	11.5	73.
32.2	89.0	9228.8	300.0	-46.6	-66.6	268.8	24.5	24.4	1.3	319.7	319.9	99.9	99.9	14.3	76.
34.5	93.0	9798.8	275.0	-50.4	-69.9	268.8	27.8	27.6	2.1	322.2	322.2	99.9	99.9	17.3	78.
36.9	97.0	10415.1	250.0	-53.7	-69.9	268.4	27.5	27.4	1.7	326.2	326.2	99.9	99.9	22.0	80.
39.6	101.4	11089.0	225.0	-55.3	-69.9	268.9	25.7	25.7	0.5	333.7	333.7	99.9	99.9	26.3	81.
42.8	106.0	11841.3	200.0	-53.9	-69.9	277.4	25.7	25.7	-3.5	347.5	347.5	99.9	99.9	31.1	85.
46.1	110.8	12699.3	175.0	-54.4	-69.9	282.5	26.1	26.5	-5.7	360.1	360.1	99.9	99.9	36.1	88.
50.0	116.3	13689.8	150.0	-53.9	-69.9	276.5	26.0	26.3	-3.9	377.3	377.3	99.9	99.9	42.8	88.
54.3	122.0	14850.9	125.0	-56.7	-69.9	274.2	25.5	25.4	-1.9	392.4	392.4	99.9	99.9	49.4	90.
60.2	128.2	16259.3	100.0	-58.3	-69.9	282.8	21.9	21.4	-4.8	414.2	414.2	99.9	99.9	57.4	90.
67.2	135.7	18046.7	75.0	-61.4	-69.9	288.0	16.2	15.3	-2.0	444.3	444.3	99.9	99.9	64.8	92.
76.5	144.3	20587.2	50.0	-58.6	-69.9	288.1	7.2	6.9	-2.0	505.5	505.5	99.9	99.9	70.3	94.
89.8	154.3	25087.6	25.0	-53.9	-69.9	291.2	5.9	5.5	-2.1	630.0	630.0	99.9	99.9	74.1	94.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 30 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETT, MISSOURI  
27 MARCH 1982  
1101 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.2	438.0	972.9	1.6	-9.2	120.0	3.6	-3.1	1.8	276.9	282.6	2.1	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 8	11.5	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 5	14.1	630.0	950.0	1.6	-14.2	116.5	11.8	-11.0	5.5	278.6	283.9	1.3	29.9	0.4	286.
2 2	18.7	844.6	925.0	0.9	-14.9	111.9	9.5	-10.9	4.4	280.3	284.7	1.3	29.9	1.0	291.
3 2	19.2	1084.2	900.0	-0.3	-15.9	111.5	9.5	-6.5	3.5	281.2	285.5	1.2	30.2	2.0	291.
4 1	21.9	1289.0	875.0	-1.5	-16.5	83.5	4.8	-4.8	1.0	282.5	286.0	1.2	35.0	2.3	288.
5 0	24.6	1519.0	850.0	-3.5	-17.4	29.0	2.7	-1.3	-0.5	283.9	287.3	1.2	35.0	2.4	285.
5 8	27.1	1754.4	825.0	-4.4	-17.4	5.7	3.0	-0.3	-0.4	284.6	288.0	1.3	43.3	2.4	282.
6 8	29.9	1996.0	800.0	-6.2	-16.6	37.2	4.9	-2.6	-2.4	285.8	290.7	1.7	61.2	2.6	270.
7 8	32.6	2243.9	775.0	-7.4	-13.6	27.8	7.4	-3.5	-5.6	288.0	294.1	2.2	79.4	2.8	270.
8 8	35.3	2499.2	750.0	-7.8	-11.0	19.1	6.0	-2.0	-5.6	290.9	297.3	2.3	77.4	2.8	257.
9 7	38.0	2762.9	725.0	-5.7	-17.7	22.0	2.4	-0.9	-2.3	300.2	304.4	1.4	37.9	3.0	256.
10 7	40.8	3037.1	700.0	-4.9	-17.9	139.3	0.9	-0.4	0.4	301.6	305.5	1.3	35.1	2.9	257.
11 8	43.7	3322.9	675.0	-6.5	-19.2	255.5	0.9	0.9	0.2	303.3	308.1	1.6	46.8	2.8	258.
13 0	46.0	3618.7	650.0	-8.0	-17.3	316.9	3.7	1.4	-1.5	303.8	308.6	1.6	58.6	2.8	246.
14 1	48.5	3924.3	625.0	-10.7	-17.6	333.3	3.7	1.7	-3.3	304.6	310.5	2.0	81.0	2.8	246.
15 2	51.1	4240.1	600.0	-13.1	-15.7	315.6	4.8	3.3	-3.4	306.0	317.7	1.9	87.4	2.3	231.
16 3	53.5	4566.1	575.0	-15.2	-15.7	287.6	6.1	5.8	-2.8	307.2	322.0	1.3	85.6	2.3	231.
17 3	55.5	4903.9	550.0	-17.7	-16.6	293.0	7.1	8.5	-1.9	308.0	327.0	1.3	85.6	2.1	197.
18 8	58.5	5233.9	525.0	-20.4	-19.4	297.8	8.4	9.8	-3.9	309.9	332.4	1.1	84.1	2.2	174.
20 1	61.8	5567.3	500.0	-22.7	-22.2	290.2	10.5	13.3	-3.6	311.5	334.3	0.9	80.9	2.2	148.
21 3	64.7	5905.4	475.0	-25.3	-27.6	283.4	16.3	15.8	-3.8	313.0	338.4	0.7	79.8	2.2	148.
22 8	68.1	6240.5	450.0	-28.1	-30.5	287.2	17.7	16.9	-5.2	314.6	341.1	0.5	77.8	4.4	132.
24 4	71.5	6575.8	425.0	-31.1	-33.7	280.5	19.5	19.2	-3.6	316.0	344.1	0.4	73.2	6.0	125.
26 1	75.0	6910.3	400.0	-34.0	-37.1	274.6	22.4	21.7	-1.8	318.5	349.5	0.3	67.3	10.7	111.
28 0	78.4	7245.8	375.0	-37.3	-41.1	274.6	22.4	21.7	-1.5	319.3	354.9	99.9	99.9	12.2	108.
29 9	82.1	7581.0	350.0	-41.6	-45.9	276.5	20.8	20.7	-2.3	320.0	359.9	99.9	99.9	16.2	105.
31 9	85.9	7915.4	325.0	-46.4	-49.9	271.5	25.7	25.7	-0.7	322.4	364.9	99.9	99.9	20.4	103.
33 3	89.8	8249.4	300.0	-50.3	-53.9	274.2	32.5	32.4	-2.4	324.5	369.9	99.9	99.9	25.5	101.
36 7	93.8	8583.4	275.0	-53.5	-57.9	275.1	35.4	35.3	-3.1	329.1	374.9	99.9	99.9	31.2	100.
39 2	98.2	8917.4	250.0	-56.3	-60.3	278.4	38.9	38.8	-5.4	333.3	379.9	99.9	99.9	37.5	100.
41 8	102.8	9251.8	225.0	-60.3	-63.7	282.2	34.6	33.8	-7.3	335.0	384.9	99.9	99.9	44.6	101.
44 8	107.6	9586.3	200.0	-57.5	-60.3	286.6	33.6	32.2	-9.7	337.5	389.9	99.9	99.9	52.9	102.
48 3	113.0	9920.3	175.0	-56.7	-59.9	295.2	31.0	29.1	-13.2	341.9	394.9	99.9	99.9	60.4	104.
52.5	125.0	10255.5	150.0	-57.0	-59.9	290.9	25.5	23.8	-9.1	411.9	416.9	99.9	99.9	68.0	105.
57.1	132.0	10590.7	125.0	-60.0	-59.9	290.9	17.6	16.0	-7.2	450.5	455.5	99.9	99.9	74.3	106.
63.1	140.0	10925.7	100.0	-58.4	-59.9	294.3	8.0	8.0	-0.1	510.4	515.4	99.9	99.9	82.0	106.
71.1	149.5	11260.3	75.0	-56.5	-59.9	270.6	2.3	2.3	-0.3	533.5	538.5	99.9	99.9	90.0	106.
83.4	160.0	11595.3	50.0	-52.6	-59.9	277.9	2.3	2.3	-0.3	533.5	538.5	99.9	99.9	97.5	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETT, MISSOURI  
27 MARCH 1982  
1400 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	438.0	974.6	4.1	-7.9	120.0	5.2	-4.5	2.6	279.3	285.1	2.2	41.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.8	845.4	950.0	3.0	-9.6	110.6	10.8	-10.1	3.8	280.2	285.5	1.9	39.0	0.4	291.1
1.7	14.3	860.8	925.0	1.4	-11.1	108.0	10.5	-9.9	3.2	280.7	285.5	1.8	38.8	1.0	291.1
2.6	16.8	1080.5	900.0	-0.4	-12.6	96.2	8.3	-8.2	0.9	281.1	285.5	1.6	39.3	1.5	289.4
3.5	19.4	1305.4	875.0	-1.3	-11.9	86.8	7.4	-8.8	-2.9	282.4	288.8	1.8	44.5	1.8	284.4
4.3	22.0	1535.9	850.0	-2.8	-10.4	52.3	8.1	-8.4	-4.9	283.2	288.8	2.0	55.9	2.1	276.8
5.2	24.6	1771.8	825.0	-4.7	-10.8	51.5	8.1	-8.4	-5.1	283.6	288.8	2.0	62.6	2.5	268.4
6.2	27.2	2013.2	800.0	-6.5	-11.5	51.0	7.3	-5.7	-4.6	284.3	289.7	2.1	67.3	3.1	259.4
7.0	29.8	2260.7	775.0	-8.3	-11.5	38.5	6.1	-3.6	-4.9	284.9	290.7	2.1	76.3	3.8	253.3
8.0	32.6	2515.2	750.0	-10.5	-10.5	30.9	6.1	-3.1	-5.2	287.6	294.0	2.3	84.5	3.3	254.4
8.9	35.2	2779.1	725.0	-12.0	-12.0	48.2	4.8	-3.4	-3.0	292.4	298.4	2.1	85.2	3.8	251.1
9.9	38.0	3054.0	700.0	-16.2	-16.2	105.6	1.7	-1.6	0.5	295.5	300.0	1.5	45.2	3.8	251.1
11.0	43.6	3337.5	675.0	-8.4	-11.2	178.7	1.5	-0.0	1.5	296.3	303.3	2.4	80.4	3.7	252.3
12.1	46.3	3631.4	650.0	-8.4	-11.8	134.1	1.3	-0.0	0.9	300.3	307.1	1.5	46.3	3.9	254.4
13.2	48.3	3938.0	625.0	-11.4	-17.9	82.0	2.8	-2.5	-1.3	302.9	307.8	1.5	62.2	4.0	252.3
14.4	49.3	4250.9	600.0	-13.1	-15.2	330.2	2.5	0.6	-0.5	304.6	310.8	2.0	84.6	4.0	252.3
15.4	52.2	4576.8	575.0	-15.2	-17.1	282.0	2.5	2.5	-0.5	305.1	311.6	1.8	85.0	4.0	250.0
16.5	55.1	4914.3	550.0	-17.8	-19.9	288.5	4.2	3.9	-1.4	307.1	311.6	1.5	83.5	3.8	248.4
17.8	58.3	5288.4	525.0	-20.3	-22.7	293.5	5.3	4.8	-2.1	308.3	312.2	1.2	80.9	3.5	243.3
19.1	61.4	5628.0	500.0	-22.8	-25.6	283.3	6.7	6.5	-1.5	310.0	312.2	1.0	76.1	3.2	237.7
20.6	64.5	6008.4	475.0	-25.5	-28.7	278.6	8.9	8.8	-1.3	311.3	313.8	0.8	74.2	2.8	229.9
21.9	67.8	6401.1	450.0	-28.5	-32.7	290.5	8.8	8.3	-3.1	312.5	314.4	0.6	68.5	2.4	211.1
23.5	71.0	6813.2	425.0	-31.5	-36.1	288.7	11.3	10.7	-3.6	314.1	315.6	0.4	63.2	2.4	190.0
25.2	74.4	7245.3	400.0	-34.9	-39.3	271.3	17.4	17.4	-0.4	315.4	316.6	0.3	63.8	2.4	156.8
26.9	78.0	7699.1	375.0	-38.9	-44.6	270.2	16.1	16.1	-0.3	316.3	317.0	0.2	54.1	2.4	120.0
28.8	81.7	8178.8	350.0	-43.3	99.9	271.2	16.0	16.0	-0.3	316.9	319.9	99.9	99.9	2.5	118.0
30.7	85.4	8680.4	325.0	-47.7	99.9	278.5	16.3	16.1	-1.8	318.2	319.9	99.9	99.9	7.3	112.0
32.7	89.3	9214.2	300.0	-50.7	99.9	278.4	18.6	18.4	-2.7	321.9	319.9	99.9	99.9	9.5	109.0
34.9	93.5	9785.1	275.0	-54.9	99.9	273.9	22.4	22.4	-1.5	324.4	319.9	99.9	99.9	12.2	105.0
37.1	97.8	10399.9	250.0	-58.7	99.9	268.1	28.7	28.7	1.0	331.7	319.9	99.9	99.9	15.9	102.0
39.6	102.5	11068.8	225.0	-58.4	99.9	272.0	30.1	30.1	-1.0	345.0	319.9	99.9	99.9	20.9	99.0
42.4	107.4	11815.9	200.0	-54.0	99.9	281.9	30.7	30.0	-6.3	356.8	319.9	99.9	99.9	26.7	98.0
45.6	112.7	12662.9	175.0	-54.0	99.9	284.4	31.0	30.0	-7.7	377.0	319.9	99.9	99.9	33.2	100.0
49.0	118.5	13849.5	150.0	-55.2	99.9	289.2	26.7	25.2	-8.8	395.0	319.9	99.9	99.9	49.3	101.0
53.2	125.0	14817.3	125.0	-58.2	99.9	289.2	25.7	23.9	-9.5	415.3	319.9	99.9	99.9	56.0	102.0
58.2	132.7	16226.2	100.0	-57.5	99.9	304.4	18.5	13.6	-9.3	452.3	319.9	99.9	99.9	61.2	106.0
64.4	141.3	18042.2	75.0	-54.3	99.9	251.9	5.4	5.1	1.7	515.8	319.9	99.9	99.9	99.9	99.9
73.0	151.7	20616.7	50.0	-53.6	99.9	999.9	99.9	99.9	99.9	630.5	319.9	99.9	99.9	99.9	99.9
86.6	163.0	25061.5	25.0	-53.6	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONEET, MISSOURI

27 MARCH 1982  
1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.3	438.0	975.6	6.6	-7.0	150.0	6.2	-3.1	5.4	281.7	288.0	2.3	37.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.4	443.2	975.0	6.4	-7.2	148.5	6.3	-3.3	5.4	281.6	287.8	2.3	36.8	0.0	0.0
0.9	11.9	854.7	950.0	3.5	-10.7	131.1	6.7	-5.1	4.4	280.8	285.7	1.8	34.3	0.0	0.0
1.6	14.4	870.4	925.0	1.7	-10.7	118.4	6.9	-6.1	3.3	281.0	286.0	1.8	39.3	0.0	0.0
2.5	17.0	1090.2	900.0	-0.5	-11.1	100.8	7.6	-7.5	1.4	281.0	286.0	1.5	44.5	1.0	30.1
3.4	19.6	1314.8	875.0	-2.2	-12.4	83.1	8.6	-8.6	-1.0	281.5	286.1	1.7	44.4	1.4	30.2
4.3	22.1	1544.5	850.0	-3.4	-13.4	70.5	9.8	-9.3	-3.0	282.6	287.1	1.6	45.7	1.8	30.2
5.2	24.7	1779.8	825.0	-5.5	-15.1	67.4	10.2	-9.4	-3.9	282.8	286.9	1.4	46.6	2.2	30.2
6.0	27.3	2020.9	800.0	-8.3	-18.4	69.0	6.6	-6.2	-2.4	284.5	286.4	0.6	21.4	2.7	30.2
7.0	30.0	2269.2	775.0	-6.3	-11.5	53.1	5.4	-4.3	-3.2	287.0	292.7	2.6	66.7	2.9	30.2
7.9	32.7	2525.4	750.0	-7.1	-11.5	50.0	6.4	-4.9	-4.1	288.9	296.0	2.0	85.1	3.2	30.2
8.9	35.4	2790.2	725.0	-6.7	-12.8	78.1	4.7	-4.6	-1.0	292.5	297.8	2.2	62.8	3.5	30.2
10.0	38.2	3064.7	700.0	-6.2	-11.9	120.9	2.6	-2.2	0.6	295.6	302.0	1.7	64.9	3.7	30.2
11.1	41.0	3349.4	675.0	-5.6	-15.3	105.7	2.4	-2.3	0.6	299.4	307.2	1.7	69.4	4.0	30.2
12.2	43.9	3644.7	650.0	-7.6	-12.2	102.4	2.3	-2.2	0.5	300.4	308.4	1.7	69.4	4.1	30.2
13.3	46.8	3949.0	625.0	-9.7	-17.1	120.5	2.5	-2.1	0.6	301.4	308.4	1.4	58.9	4.3	30.2
14.5	49.7	4263.9	600.0	-10.7	-19.4	100.6	3.2	-3.2	0.7	303.7	307.9	1.5	65.1	4.5	30.2
15.6	52.7	4589.5	575.0	-13.6	-18.7	100.9	3.6	-3.5	0.7	304.1	308.7	1.4	84.0	4.7	30.2
16.8	55.8	4926.9	550.0	-15.1	-17.1	158.6	2.1	-0.8	0.8	306.1	311.7	1.6	84.0	4.7	30.2
18.1	58.9	5277.3	525.0	-17.3	-19.4	230.3	1.2	0.9	0.2	307.6	312.4	1.2	80.7	4.6	30.2
19.4	62.1	5641.1	500.0	-20.2	-22.7	264.8	1.8	1.8	0.2	308.4	312.3	1.0	81.0	4.4	30.2
20.8	65.4	6019.6	475.0	-22.8	-25.1	271.2	3.1	3.1	-0.1	309.8	313.2	0.8	73.2	4.0	30.2
22.3	68.6	6414.1	450.0	-25.5	-28.8	272.1	4.7	4.7	-0.2	311.2	313.8	0.6	68.4	3.8	30.2
23.8	72.0	6826.3	425.0	-28.4	-32.3	260.2	5.3	5.3	0.4	312.7	314.6	0.4	64.2	3.6	30.2
25.5	75.6	7258.5	400.0	-31.8	-36.2	260.2	8.9	8.8	1.5	313.7	315.2	0.4	64.2	3.6	30.2
27.3	79.1	7711.8	375.0	-35.3	-39.5	268.9	10.6	10.6	0.2	314.9	316.0	0.3	64.2	3.6	30.2
29.1	82.9	8188.1	350.0	-39.6	-43.3	261.7	9.4	9.4	1.4	315.4	316.0	0.3	64.2	3.6	30.2
31.2	86.7	8689.9	325.0	-44.3	-48.3	261.3	9.8	9.7	1.5	315.7	316.0	0.3	64.2	3.6	30.2
33.3	90.7	9221.3	300.0	-48.2	-52.2	278.5	7.2	7.1	-1.1	317.4	316.0	0.3	64.2	3.6	30.2
35.4	94.8	9789.7	275.0	-52.2	-56.2	277.0	7.9	7.9	-1.0	319.7	316.0	0.3	64.2	3.6	30.2
37.5	99.2	10402.3	250.0	-55.1	-59.9	269.8	19.3	19.3	0.1	324.1	316.0	0.3	64.2	3.6	30.2
40.1	104.0	11078.0	225.0	-58.8	-63.8	268.9	25.7	25.7	0.5	336.3	316.0	0.3	64.2	3.6	30.2
42.7	109.0	11832.7	200.0	-54.4	-59.9	273.2	26.9	26.8	-1.5	346.6	316.0	0.3	64.2	3.6	30.2
45.6	114.4	12689.6	175.0	-54.3	-59.9	279.1	27.9	27.6	-4.4	360.3	316.0	0.3	64.2	3.6	30.2
48.8	120.2	13678.3	150.0	-55.1	-59.9	282.2	29.0	28.4	-6.1	375.1	316.0	0.3	64.2	3.6	30.2
52.7	127.0	14837.9	125.0	-57.2	-59.9	287.4	25.8	24.6	-7.7	391.3	316.0	0.3	64.2	3.6	30.2
57.3	134.7	16253.1	100.0	-58.3	-59.9	295.7	24.2	21.8	-10.5	419.0	316.0	0.3	64.2	3.6	30.2
62.8	143.5	18068.0	75.0	-58.0	-59.9	294.7	14.7	13.4	-6.2	451.3	316.0	0.3	64.2	3.6	30.2
70.6	154.3	20641.2	50.0	-54.8	-59.9	286.2	4.6	4.5	-1.3	514.5	316.0	0.3	64.2	3.6	30.2
83.4	168.0	25103.0	25.0	-49.2	-59.9	251.2	4.2	4.0	-1.4	643.4	316.0	0.3	64.2	3.6	30.2

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETT, MISSOURI

27 MARCH 1982  
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	438.0	973.9	9.8	-5.7	100.0	5.7	-5.6	1.0	285.1	292.1	2.6	33.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.5	842.5	950.0	6.0	-7.2	86.3	7.4	-6.8	-3.0	283.3	289.7	2.3	38.0	0.3	243.0
1.3	14.0	859.9	925.0	3.9	-8.3	89.9	7.3	-6.9	-2.5	283.3	289.4	2.2	41.9	0.5	245.0
1.9	16.4	1081.7	900.0	1.7	-9.8	70.2	6.5	-6.1	-2.2	283.3	288.8	2.0	46.9	0.8	248.0
2.6	18.4	1307.8	875.0	-0.6	-10.5	65.6	6.2	-5.7	-2.6	283.3	288.5	2.0	51.0	1.0	248.0
3.2	21.4	1538.7	850.0	-2.7	-11.4	75.2	5.7	-5.5	-1.5	283.3	288.5	1.9	51.0	1.3	247.0
3.9	23.9	1774.5	825.0	-4.9	-11.7	98.1	6.0	-5.9	0.8	283.5	288.8	1.9	60.3	1.5	250.0
4.5	26.4	2015.6	800.0	-7.2	-11.7	116.4	6.7	-6.0	3.0	286.8	289.1	1.9	69.8	1.7	256.0
5.3	29.0	2262.6	775.0	-8.5	-23.1	104.4	5.7	-5.5	1.4	290.4	293.0	0.8	25.2	1.9	282.0
6.2	31.3	2519.3	750.0	-5.7	-16.8	95.3	4.4	-5.0	0.5	294.3	298.4	0.0	26.5	2.2	283.0
7.1	34.2	2785.4	725.0	-4.7	-15.3	113.1	4.4	-4.0	1.7	295.9	300.8	1.7	28.2	2.4	285.0
8.0	36.8	3050.9	700.0	-5.9	-15.3	110.5	3.3	-3.1	1.3	298.5	304.1	1.9	38.0	2.6	285.0
9.1	39.6	3345.7	675.0	-6.4	-14.7	106.4	2.9	-2.8	1.0	300.7	307.2	1.9	48.0	2.8	289.0
10.1	42.2	3640.6	650.0	-7.4	-12.7	106.4	3.6	-3.4	1.6	302.2	305.6	2.2	54.5	3.0	290.0
11.1	45.0	3945.1	625.0	-9.0	-21.5	110.0	4.7	-4.4	3.1	304.8	305.9	1.1	65.4	3.2	292.0
12.3	47.8	4259.9	600.0	-11.7	-22.1	132.8	4.8	-3.4	3.1	304.8	311.3	2.2	71.3	3.5	294.0
13.4	50.7	4585.1	575.0	-13.0	-14.5	171.7	4.7	-0.7	4.6	306.2	312.0	2.2	88.4	3.7	298.0
14.7	53.6	4922.9	550.0	-15.1	-16.6	109.9	3.5	-0.2	3.5	307.5	312.3	1.9	83.1	3.7	288.0
16.0	56.8	5273.4	525.0	-17.4	-19.5	175.0	2.0	-0.4	2.0	308.9	313.8	1.3	79.5	3.8	288.0
17.3	59.6	5637.6	500.0	-19.8	-22.4	156.1	1.0	0.5	0.9	310.5	314.1	1.0	76.2	3.7	289.0
18.8	62.8	6016.7	475.0	-22.2	-25.2	236.0	0.6	1.0	0.3	311.6	315.3	0.8	71.3	3.6	289.0
20.3	66.0	6411.8	450.0	-25.0	-28.6	260.5	1.0	1.0	0.2	313.1	315.3	0.5	72.8	3.6	289.0
21.9	69.3	6824.7	425.0	-28.0	-31.3	285.8	3.1	3.1	0.1	314.5	316.1	0.3	88.1	3.1	302.0
23.5	72.9	7257.3	400.0	-31.2	-35.1	288.8	6.7	6.2	0.1	315.5	316.4	0.5	50.0	3.0	300.0
25.3	76.1	7711.7	375.0	-34.9	-41.8	285.0	6.7	6.7	1.4	316.7	317.2	0.1	38.0	2.0	311.0
26.9	79.7	8189.7	350.0	-38.6	-47.5	258.1	8.1	7.6	2.8	316.7	317.2	99.9	99.9	1.8	334.0
28.7	83.3	8693.5	325.0	-43.5	99.9	249.4	5.5	5.3	1.4	317.1	317.2	99.9	99.9	1.3	9.0
30.5	87.2	9226.2	300.0	-48.5	99.9	255.0	2.0	1.9	0.8	318.7	317.2	99.9	99.9	2.2	23.0
32.5	91.2	9794.4	275.0	-52.8	99.9	246.8	10.6	10.5	1.3	324.7	317.2	99.9	99.9	4.0	59.0
34.8	95.5	10405.4	250.0	-54.8	99.9	263.1	20.2	20.2	0.3	327.1	317.2	99.9	99.9	7.4	74.0
37.3	100.0	11082.9	225.0	-53.2	99.9	289.0	24.4	24.4	-1.8	337.1	317.2	99.9	99.9	11.8	83.0
40.0	104.8	11840.9	200.0	-53.6	99.9	274.2	26.0	25.7	-4.0	350.4	317.2	99.9	99.9	17.2	88.0
43.0	110.2	12699.7	175.0	-54.2	99.9	278.8	26.0	26.9	-4.6	374.6	317.2	99.9	99.9	23.5	92.0
46.5	116.0	13688.6	150.0	-55.4	99.9	279.7	27.8	25.7	-7.7	392.3	317.2	99.9	99.9	30.4	96.0
50.3	122.2	14851.5	125.0	-58.7	99.9	286.8	26.8	22.1	-7.9	418.8	317.2	99.9	99.9	37.3	99.0
55.0	129.5	16266.4	100.0	-56.4	99.9	289.8	23.4	15.0	-4.8	450.0	317.2	99.9	99.9	43.0	100.0
61.3	138.0	18078.2	75.0	-58.6	99.9	287.8	15.8	8.0	-2.3	512.0	317.2	99.9	99.9	44.0	100.0
69.0	147.7	20639.6	50.0	-55.9	99.9	285.7	8.4	0.6	2.0	635.0	317.2	99.9	99.9	44.0	100.0
82.3	156.0	25094.2	25.0	-52.1	99.9	196.5	2.1	0.6	2.0	635.0	317.2	99.9	99.9	44.0	100.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO. 349 MONETT, MISSOURI														153 24. 0	
27 MARCH 1982															
2300 GMT															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.3	438.0	973.3	8.7	-7.5	90.0	3.1	-3.1	0.0	284.0	290.2	2.2	31.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.6	837.7	950.0	6.8	-8.4	88.1	7.5	-7.5	-0.5	284.1	289.9	2.1	32.7	0.3	267.
1.5	14.1	855.8	925.0	4.7	-9.4	86.4	6.9	-6.9	-0.5	284.1	289.7	2.0	35.1	0.3	267.
2.3	16.6	1078.3	900.0	2.6	-10.5	84.9	5.4	-5.4	-0.5	284.2	289.6	2.0	38.7	0.9	267.
3.1	19.1	1305.0	875.0	0.3	-10.5	84.9	4.8	-4.8	0.7	284.1	289.6	2.0	44.1	1.2	267.
4.0	21.7	1538.6	850.0	-1.8	-10.8	113.2	4.8	-4.4	1.9	284.2	289.6	1.9	50.1	1.4	271.
4.9	24.3	1773.0	825.0	-4.2	-11.3	122.7	5.0	-4.3	2.5	284.3	289.6	1.9	57.4	1.6	275.
5.8	26.9	2014.7	800.0	-6.6	-11.9	122.7	5.3	-4.4	2.9	284.4	289.4	1.9	65.6	1.9	279.
6.7	29.4	2262.1	775.0	-7.7	-12.2	122.7	5.7	-4.7	3.2	284.5	289.4	1.9	70.3	2.2	282.
7.5	32.1	2518.5	750.0	-5.6	-12.8	119.3	6.0	-5.2	2.9	284.5	289.4	1.9	70.3	2.2	282.
8.6	34.8	2784.8	725.0	-5.0	-13.7	119.3	6.0	-5.2	2.9	284.5	289.4	1.9	70.3	2.2	282.
9.6	37.4	3061.2	700.0	-4.3	-15.7	130.9	4.3	-3.4	2.3	284.0	291.1	1.1	70.3	2.2	282.
10.7	40.2	3347.0	675.0	-5.8	-19.4	142.8	3.6	-2.2	2.8	289.2	302.9	1.2	70.3	2.2	282.
11.9	42.9	3641.8	650.0	-7.3	-19.9	133.9	5.1	-3.6	3.5	300.8	304.5	1.2	70.3	2.2	282.
13.2	45.8	3947.0	625.0	-8.7	-20.7	124.2	5.8	-4.7	3.2	302.5	308.2	1.2	70.3	2.2	282.
14.3	48.6	4261.8	600.0	-11.2	-17.8	119.3	4.3	-3.7	2.1	303.1	308.1	1.6	70.3	2.2	282.
15.6	51.8	4597.5	575.0	-13.2	-14.0	133.6	2.6	-1.9	1.8	304.5	311.2	2.3	70.3	2.2	282.
16.9	54.5	4925.2	550.0	-14.9	-16.1	162.7	2.7	-0.8	2.6	306.5	312.5	2.3	70.3	2.2	282.
18.3	57.5	5258.3	525.0	-16.9	-18.7	162.7	3.1	-0.8	3.0	308.2	313.3	1.7	70.3	2.2	282.
19.7	60.6	5600.8	500.0	-19.6	-21.7	147.9	3.0	-1.9	2.5	309.2	313.4	1.3	70.3	2.2	282.
21.1	63.7	6020.2	475.0	-22.2	-25.1	129.4	2.5	-1.9	1.8	310.6	313.9	1.0	70.3	2.2	282.
22.8	67.0	6415.5	450.0	-25.4	-28.5	156.4	2.1	-0.8	1.9	311.3	314.0	0.8	70.3	2.2	282.
24.1	70.3	6828.4	425.0	-31.0	-31.0	233.4	2.1	1.7	1.2	312.8	315.7	0.7	70.3	2.2	282.
25.7	73.6	7250.5	400.0	-35.5	-34.5	287.3	2.7	2.7	0.1	314.6	315.7	0.5	70.3	2.2	282.
27.4	77.0	7713.5	375.0	-39.7	-39.0	288.3	2.5	2.3	-0.8	316.6	315.7	0.3	70.3	2.2	282.
29.2	80.7	8189.8	350.0	-43.5	-43.5	288.3	2.2	2.2	0.1	318.0	318.0	0.2	70.3	2.2	282.
31.0	84.4	8691.6	325.0	-44.4	-44.4	288.3	2.4	2.2	2.2	318.0	318.0	0.2	70.3	2.2	282.
33.1	88.3	9222.6	300.0	-48.8	-48.8	288.3	3.4	3.7	2.2	318.0	318.0	0.2	70.3	2.2	282.
35.4	92.5	9789.5	275.0	-52.7	-52.7	288.3	4.5	3.7	2.1	318.0	318.0	0.2	70.3	2.2	282.
37.5	96.7	10401.0	250.0	-54.2	-54.2	288.3	8.8	8.6	1.4	318.0	318.0	0.2	70.3	2.2	282.
40.0	101.2	11080.7	225.0	-52.2	-52.2	274.5	19.4	19.3	-1.5	318.0	318.0	0.2	70.3	2.2	282.
42.7	106.0	11840.4	200.0	-53.7	-53.7	280.0	21.8	21.5	-3.8	318.0	318.0	0.2	70.3	2.2	282.
45.6	111.3	12899.2	175.0	-54.0	-54.0	277.2	26.0	25.8	-5.8	318.0	318.0	0.2	70.3	2.2	282.
48.9	117.0	13866.6	150.0	-55.0	-55.0	277.2	27.3	26.7	-7.8	318.0	318.0	0.2	70.3	2.2	282.
52.9	123.3	14845.4	125.0	-57.5	-57.5	266.4	26.8	25.7	-5.8	318.0	318.0	0.2	70.3	2.2	282.
57.3	130.3	16264.8	100.0	-58.7	-58.7	289.3	23.6	22.4	-7.2	318.0	318.0	0.2	70.3	2.2	282.
63.1	139.0	18067.6	75.0	-58.7	-58.7	289.3	17.4	16.4	-5.7	318.0	318.0	0.2	70.3	2.2	282.
70.7	149.0	20627.5	50.0	-55.0	-55.0	302.4	8.7	7.3	-4.6	318.0	318.0	0.2	70.3	2.2	282.
82.8	160.5	25088.3	25.0	-51.4	-51.4	999.9	99.9	99.9	99.9	637.0	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 349  
MONETT, MISSOURI

28 MARCH 1982  
205 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	438.0	974.4	3.5	-5.1	90.0	3.1	-3.1	0.0	278.8	286.0	2.7	53.0	0.0	0.0
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	12.0	845.3	975.0	5.5	-9.1	106.5	10.1	-3.7	2.9	282.7	288.3	2.0	44.2	0.5	279.0
1.6	14.6	882.8	925.0	3.5	-9.7	110.8	10.3	-8.5	3.7	282.9	288.3	2.0	44.2	0.5	279.0
2.4	17.1	1033.9	900.0	1.4	-10.3	114.8	9.4	-8.5	3.8	282.9	288.3	1.9	41.4	1.5	287.0
3.2	19.7	1308.9	875.0	-0.7	-10.6	121.4	7.3	-6.3	4.2	283.0	288.4	2.0	47.1	1.7	289.0
4.0	22.3	1540.7	850.0	-2.6	-10.9	124.5	5.5	-4.5	4.2	283.4	288.8	2.0	52.7	2.2	292.0
4.9	25.0	1776.5	825.0	-4.8	-10.8	124.9	5.5	-4.5	4.2	283.5	289.1	2.0	62.9	2.5	294.0
5.7	27.8	2017.7	800.0	-6.8	-11.5	128.9	4.5	-3.5	4.8	283.5	289.1	2.0	69.0	2.7	294.0
6.6	30.3	2267.0	775.0	-4.0	-14.5	144.3	4.7	-3.5	4.8	283.5	289.1	2.0	78.4	3.0	297.0
7.5	33.0	2525.4	750.0	-3.8	-24.1	131.9	4.1	-3.2	3.1	292.5	294.7	1.1	87.7	3.2	299.0
8.5	35.8	2793.3	725.0	-3.8	-20.0	129.0	4.3	-2.9	2.6	295.6	298.8	1.2	96.7	3.5	300.0
9.5	38.6	3070.5	700.0	-3.8	-18.9	138.0	5.0	-2.5	3.2	298.3	302.0	1.1	105.1	3.7	301.0
10.4	41.3	3356.5	675.0	-5.6	-20.2	135.6	6.8	-5.1	4.5	300.5	303.8	1.1	113.8	4.0	302.0
11.5	44.2	3651.5	650.0	-7.5	-21.1	131.5	7.1	-5.1	5.1	301.9	305.1	1.0	122.6	4.3	303.0
12.5	47.1	3955.9	625.0	-9.2	-22.2	130.7	7.1	-5.5	4.6	303.1	305.9	0.9	131.1	4.8	304.0
13.6	50.0	4270.2	600.0	-11.3	-24.3	128.8	7.1	-5.5	4.6	305.0	305.9	0.9	139.8	5.3	305.0
14.7	53.0	4595.8	575.0	-12.8	-24.3	137.9	4.9	-2.3	3.9	305.2	311.7	2.2	148.6	5.8	307.0
15.9	56.0	4933.6	550.0	-15.1	-16.2	143.1	4.8	-2.3	3.9	307.3	312.3	1.6	157.4	6.3	307.0
17.1	59.1	5284.1	525.0	-17.6	-18.9	157.7	3.5	-1.3	3.2	309.2	313.5	1.4	166.2	6.8	308.0
18.2	62.3	5648.4	500.0	-19.6	-21.5	159.1	3.1	-0.8	3.0	310.3	313.8	1.1	175.0	6.9	309.0
19.5	65.5	6027.6	475.0	-22.4	-24.6	174.8	1.8	1.1	1.5	311.1	314.9	0.9	183.8	6.9	310.0
20.7	68.9	6422.3	450.0	-25.6	-27.3	214.3	1.1	0.1	-0.1	313.0	315.2	0.6	192.6	6.8	311.0
22.1	72.3	6835.2	425.0	-28.1	-32.5	274.8	1.0	0.1	-0.1	314.0	315.2	0.2	201.4	6.7	312.0
23.5	75.9	7287.5	400.0	-31.5	-38.5	359.3	1.1	1.4	1.0	315.1	315.5	0.2	210.2	6.6	313.0
25.3	79.4	7750.7	375.0	-35.5	-42.0	263.9	1.7	1.4	1.0	315.4	315.5	0.2	219.0	6.4	314.0
27.0	83.1	8186.7	350.0	-39.8	-49.0	267.6	2.0	2.0	0.1	315.4	315.5	0.2	227.8	6.1	314.0
28.7	87.0	8698.1	325.0	-44.5	-54.4	289.2	2.9	2.8	-1.0	317.3	317.3	0.9	236.6	5.9	316.0
30.4	91.0	9228.9	300.0	-49.0	-59.9	303.0	1.9	8.2	-0.8	325.0	325.0	0.9	245.4	5.9	316.0
32.3	95.2	9794.8	275.0	-53.4	-64.8	275.4	18.0	17.7	-3.7	337.6	337.6	0.9	254.2	5.2	314.0
34.2	99.4	10406.1	250.0	-54.6	-69.9	281.7	21.3	20.9	-2.9	346.6	346.6	0.9	263.0	5.2	314.0
36.6	104.2	11093.7	225.0	-52.8	-69.9	283.3	25.1	24.9	-4.7	361.4	361.4	0.9	271.8	5.2	314.0
39.0	109.0	11847.9	200.0	-54.4	-69.9	276.2	28.0	27.5	-5.4	374.8	374.8	0.9	280.6	5.2	314.0
41.8	114.2	12701.3	175.0	-53.6	-69.9	281.2	31.4	30.9	-5.4	392.8	392.8	0.9	289.4	5.2	314.0
44.8	120.2	13689.3	150.0	-55.3	-69.9	283.5	34.0	33.4	-5.4	412.5	412.5	0.9	298.2	5.2	314.0
48.3	126.7	14847.4	125.0	-58.4	-69.9	288.3	37.0	36.4	-5.4	446.7	446.7	0.9	307.0	5.2	314.0
52.5	134.3	16256.0	100.0	-59.7	-69.9	288.3	40.0	39.4	-5.4	509.0	509.0	0.9	315.8	5.2	314.0
57.6	143.3	18059.1	75.0	-60.2	-69.9	290.6	43.0	42.4	-5.4	509.0	509.0	0.9	324.6	5.2	314.0
64.8	154.0	20599.2	50.0	-67.1	-69.9	315.8	6.0	5.8	-5.7	509.0	509.0	0.9	333.2	5.2	314.0
75.7	165.5	25023.7	25.0	-64.0	-69.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349 MONETT, MISSOURI														
28 MARCH 1982														
28 MARCH 1982														
500 GMT														
TIME	MIN	ONTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH
			GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/NG	PCT
0.0	0.0	9.3	438.0	975.1	0.5	-7.2	120.0	3.1	-2.7	1.5	275.6	281.6	2.3	56.0
99.9	99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	0.0	9.3	438.8	975.0	0.6	-7.3	120.2	3.2	-2.7	1.6	275.7	281.7	2.3	55.7
0.8	0.8	11.8	650.0	950.0	3.9	-10.3	135.7	8.5	-5.9	6.1	281.2	286.2	1.8	34.5
1.6	1.6	14.4	885.9	925.0	2.0	-11.4	128.9	9.1	-7.0	5.8	281.4	286.1	1.7	36.2
2.3	2.3	16.9	1085.3	900.0	0.4	-12.3	126.4	9.8	-7.9	5.8	281.9	286.5	1.7	38.0
3.1	3.1	19.5	1311.5	875.0	-1.8	-13.1	123.5	8.3	-6.9	4.6	281.9	286.3	1.6	41.5
3.9	3.9	22.1	1541.2	850.0	-3.8	-13.5	119.0	7.1	-6.2	3.5	282.1	286.6	1.6	46.8
4.8	4.8	24.7	1779.4	825.0	-5.3	-15.6	120.4	4.7	-4.0	3.5	283.1	286.9	1.4	43.8
5.7	5.7	27.4	2017.5	800.0	-5.7	-23.3	168.2	3.6	-0.9	3.5	285.1	287.3	0.7	43.8
6.5	6.5	30.1	2267.1	775.0	-4.1	-26.2	195.7	4.7	-0.1	3.7	289.4	296.1	0.6	15.8
7.5	7.5	32.8	2526.1	750.0	-2.8	-22.7	178.8	3.6	-0.1	4.4	293.6	296.1	0.8	19.8
8.5	8.5	35.6	2794.4	725.0	-3.6	-23.7	155.4	3.4	-2.3	4.9	295.5	297.9	0.8	19.3
9.4	9.4	38.3	3071.2	700.0	-4.3	-18.9	146.7	6.9	-3.8	5.8	297.8	301.3	1.2	29.3
10.3	10.3	41.1	3356.8	675.0	-6.3	-16.7	141.4	7.2	-4.5	5.9	298.6	303.2	1.5	43.3
11.4	11.4	44.0	3650.6	650.0	-8.5	-20.3	138.2	7.9	-5.3	5.9	299.3	302.9	1.2	47.8
12.5	12.5	46.9	3954.1	625.0	-10.3	-14.0	138.1	6.9	-4.6	5.2	300.7	306.8	2.1	74.8
13.7	13.7	49.9	4268.3	600.0	-11.6	-12.7	150.0	5.2	-2.8	4.5	302.7	309.8	2.4	91.6
14.8	14.8	52.8	4593.6	575.0	-13.6	-14.5	142.6	5.4	-3.2	4.3	304.1	310.6	2.2	92.9
16.1	16.1	55.9	4930.6	550.0	-15.8	-16.7	141.3	5.8	-3.6	4.5	305.4	311.1	1.9	93.1
17.3	17.3	59.0	5273.9	525.0	-18.4	-19.3	149.1	5.4	-2.7	4.6	308.4	312.3	1.6	92.2
18.7	18.7	62.1	5642.9	500.0	-20.5	-21.6	161.4	3.3	-1.0	3.1	308.1	312.5	1.4	90.5
20.1	20.1	65.4	6020.7	475.0	-23.4	-24.6	161.4	2.6	-0.5	2.5	309.0	312.5	1.1	79.5
21.5	21.5	68.6	6414.2	450.0	-26.0	-28.5	181.4	2.8	0.1	2.8	310.6	313.2	0.8	51.9
23.1	23.1	72.0	6825.8	425.0	-28.9	-35.1	190.5	3.8	0.7	3.8	312.0	313.5	0.4	47.1
24.6	24.6	75.4	7257.1	400.0	-32.1	-39.5	179.5	3.2	-0.0	3.2	313.3	314.4	0.3	47.1
26.3	26.3	79.0	7708.8	375.0	-36.3	-42.7	167.9	2.9	-0.6	2.9	313.5	314.3	0.2	51.6
28.1	28.1	82.7	8182.8	350.0	-40.9	99.9	226.2	1.4	1.0	1.0	313.5	999.9	99.9	99.9
29.9	29.9	86.5	8682.6	325.0	-45.1	99.9	295.1	1.1	1.0	-0.4	315.7	999.9	99.9	99.9
31.9	31.9	90.5	9212.4	300.0	-49.5	99.9	278.0	2.6	2.6	-0.4	319.2	999.9	99.9	99.9
34.0	34.0	94.7	9777.6	275.0	-52.5	99.9	268.2	9.0	9.0	-3.7	324.7	999.9	99.9	99.9
36.2	36.2	99.0	10369.0	250.0	-55.4	99.9	263.2	15.9	15.9	-3.7	324.7	999.9	99.9	99.9
38.7	38.7	103.7	11064.7	225.0	-58.4	99.9	282.9	16.5	16.5	-2.7	324.7	999.9	99.9	99.9
41.4	41.4	108.6	11814.9	200.0	-55.2	99.9	278.9	17.6	17.6	-2.7	324.7	999.9	99.9	99.9
44.5	44.5	114.0	12666.4	175.0	-55.6	99.9	278.4	24.3	24.0	-3.5	324.7	999.9	99.9	99.9
48.0	48.0	120.0	13850.4	150.0	-54.9	99.9	281.0	28.8	28.1	-5.1	324.7	999.9	99.9	99.9
52.0	52.0	126.5	14810.9	125.0	-56.9	99.9	279.6	25.7	25.3	-4.3	324.7	999.9	99.9	99.9
56.6	56.6	133.7	16215.7	100.0	-59.0	99.9	288.2	22.2	21.1	-6.9	413.8	999.9	99.9	99.9
60.6	60.6	142.3	18018.4	75.0	-60.4	99.9	286.0	15.9	15.3	-4.4	446.3	999.9	99.9	99.9
65.3	65.3	152.5	20548.2	50.0	-58.6	99.9	302.9	7.1	8.0	-3.9	505.4	999.9	99.9	99.9
70.3	70.3	163.5	24955.4	25.0	-54.4	99.9	302.9	99.9	99.9	99.9	628.6	999.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO. 349 MONETT, MISSOURI															
28 MARCH 1982															
151 42. 1															
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.3	438.0	978.0	-0.5	-6.9	130.0	5.2	-4.0	3.3	274.6	280.7	2.3	82.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.4	448.2	975.0	-0.5	-8.9	146.8	4.7	-2.0	3.9	274.6	280.8	2.3	81.8	0.1	354.
0.8	12.0	853.5	950.0	-1.7	-8.7	177.4	4.8	-0.2	4.8	275.4	280.9	2.1	58.9	0.5	317.
1.4	14.6	885.7	925.0	-2.2	-12.3	135.0	10.3	-7.3	7.3	277.1	281.5	1.8	45.9	0.9	318.
2.3	17.2	1083.7	900.0	-0.9	-21.3	130.0	7.8	-5.9	5.0	280.8	282.7	0.7	18.8	1.4	318.
2.9	19.8	1308.5	875.0	-0.9	-21.6	128.9	5.7	-4.3	3.3	282.3	285.2	0.7	35.8	1.7	315.
3.7	22.3	1538.7	850.0	-2.9	-15.1	109.2	5.7	-2.5	3.3	283.1	287.0	1.4	38.8	1.8	314.
4.4	25.0	1774.3	825.0	-4.8	-20.6	45.5	1.9	-0.3	-1.3	283.5	287.6	1.5	45.2	1.9	312.
5.2	27.8	2015.6	800.0	-6.1	-14.9	15.5	1.2	-0.3	-1.1	284.7	287.6	1.0	32.5	1.8	309.
6.1	30.4	2264.9	775.0	-4.9	-13.9	74.7	1.6	-1.6	-0.4	288.5	293.6	1.8	52.0	1.8	308.
7.0	33.2	2523.3	750.0	-4.7	-18.4	122.4	4.0	-3.4	2.2	291.4	296.0	1.6	44.4	1.9	308.
7.9	36.0	2790.1	725.0	-4.1	-6.0	153.5	7.6	-3.4	6.8	295.0	304.5	3.4	85.5	2.2	308.
8.9	38.8	3066.9	700.0	-4.5	-13.8	182.5	9.6	-2.9	9.2	297.6	303.1	1.9	47.9	2.7	314.
9.9	41.6	3352.8	675.0	-8.2	-10.8	164.9	9.0	-2.3	8.7	298.7	305.9	2.5	69.7	2.7	320.
10.8	44.5	3646.8	650.0	-8.8	-11.2	187.0	7.6	-1.7	7.4	299.1	308.3	2.5	82.5	3.7	322.
11.8	47.4	3950.0	625.0	-10.5	-11.1	164.6	7.2	-1.9	7.0	300.4	308.3	2.6	95.5	4.0	325.
12.9	50.4	4263.1	600.0	-12.7	-13.2	155.2	7.9	-3.3	7.2	301.5	308.3	2.3	96.0	4.5	327.
14.0	53.4	4587.2	575.0	-14.4	-15.1	152.7	7.4	-3.4	6.6	303.2	309.3	2.1	94.5	5.0	327.
15.1	56.5	4923.6	550.0	-16.0	-16.7	182.7	5.4	-1.8	5.1	305.1	310.8	1.9	88.7	5.7	329.
16.3	59.8	5273.3	525.0	-17.5	-18.9	198.2	4.3	-1.3	4.1	307.4	312.4	1.6	76.1	5.8	332.
17.4	62.9	5637.2	500.0	-19.9	-23.0	244.0	4.2	-3.8	1.9	308.8	312.6	0.9	68.7	5.8	336.
18.9	66.3	6016.0	475.0	-23.6	-26.8	239.8	3.9	-3.4	2.0	310.0	312.8	0.9	59.5	5.9	339.
20.4	69.8	6410.7	450.0	-25.8	-31.3	229.5	5.1	-3.3	3.3	310.8	313.9	0.4	53.8	6.1	343.
21.8	73.0	6822.4	425.0	-28.6	-35.1	222.7	4.5	-3.1	3.4	312.3	313.9	0.3	44.8	6.3	347.
23.4	76.5	7253.4	400.0	-32.4	-40.4	232.0	3.8	-3.0	2.3	312.3	313.9	0.3	37.1	6.4	349.
25.1	80.1	7705.1	375.0	-36.2	-45.5	243.4	2.0	-1.8	0.9	313.7	314.3	0.2	30.9	6.4	351.
26.7	83.9	8180.3	350.0	-39.9	-49.9	282.2	2.8	-2.8	-0.8	315.0	315.0	0.2	25.1	6.4	355.
28.6	87.7	8682.2	325.0	-44.2	-55.9	278.8	5.4	-5.3	-2.9	315.8	315.8	0.2	20.9	6.4	355.
30.4	91.8	9213.4	300.0	-48.8	-59.9	292.4	6.1	-5.7	-2.9	317.8	317.8	0.2	16.9	6.4	355.
32.5	96.0	9779.1	275.0	-53.5	-65.9	298.5	5.0	-5.3	-4.2	324.0	317.8	0.2	12.9	6.4	355.
34.8	100.4	10388.9	250.0	-55.2	-69.9	294.7	10.0	-9.1	-3.8	324.0	317.8	0.2	9.9	6.4	355.
37.4	105.2	11064.7	225.0	-53.6	-69.9	283.9	16.0	-15.6	-4.5	324.0	317.8	0.2	7.9	6.4	355.
40.2	110.2	11821.1	200.0	-53.8	-69.9	283.3	19.8	-19.1	-7.1	324.0	317.8	0.2	5.9	6.4	355.
43.3	115.6	12679.9	175.0	-53.8	-69.9	283.3	23.1	-22.0	-7.1	324.0	317.8	0.2	3.9	6.4	355.
47.0	121.6	13667.7	150.0	-55.1	-69.9	283.3	23.3	-22.8	-5.5	324.0	317.8	0.2	1.9	6.4	355.
51.1	128.2	14828.7	125.0	-56.9	-69.9	276.7	23.1	-22.8	-3.5	324.0	317.8	0.2	0.9	6.4	355.
56.0	138.0	16241.7	100.0	-57.1	-69.9	280.7	19.2	-18.9	-3.6	324.0	317.8	0.2	0.9	6.4	355.
61.7	145.0	18039.9	75.0	-61.1	-69.9	285.6	16.8	-16.2	-4.5	324.0	317.8	0.2	0.9	6.4	355.
69.6	155.3	20571.1	50.0	-57.5	-69.9	298.7	7.8	-6.8	-3.7	508.0	508.0	0.2	0.9	6.4	355.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	392.0	975.8	1.1	-0.7	130.0	2.1	-1.6	1.3	276.2	285.8	3.7	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.3	397.0	975.0	1.0	-0.6	130.9	2.4	-1.8	1.6	276.2	285.8	3.8	88.8	0.0	355.
0.8	12.0	805.5	950.0	-0.1	-0.6	143.3	5.3	-3.2	4.3	277.1	287.0	3.9	88.9	0.2	310.
1.5	14.7	819.2	925.0	-0.4	-0.9	146.8	6.2	-3.4	5.2	278.9	288.9	3.9	96.8	0.4	319.
2.3	17.3	1038.3	900.0	-1.5	-1.8	143.4	9.6	-5.7	7.7	280.0	289.7	3.7	97.3	0.8	332.
3.0	20.1	1262.5	875.0	-2.7	-3.1	142.7	11.9	-7.2	9.4	281.0	290.2	3.5	97.1	1.3	332.
3.8	22.8	1492.2	850.0	-3.7	-4.1	138.6	11.5	-7.4	8.7	282.3	291.1	3.3	96.9	1.9	333.
4.7	25.6	1728.0	825.0	-4.3	-4.7	135.8	12.4	-8.0	8.6	284.1	292.9	3.3	96.9	2.4	333.
5.5	28.3	1970.9	800.0	-4.1	-4.5	131.3	12.4	-8.0	10.9	286.8	296.1	3.4	96.9	3.1	330.
6.3	31.1	2222.2	775.0	-2.9	-3.3	170.0	10.1	-1.8	9.9	290.7	301.3	3.9	97.1	3.6	338.
7.3	33.9	2482.9	750.0	-2.7	-3.1	188.7	9.6	1.5	9.5	293.6	304.8	4.1	97.1	4.0	338.
8.1	36.7	2751.6	725.0	-3.8	-4.1	198.2	10.3	3.2	9.7	295.3	306.1	3.9	97.6	4.4	338.
9.1	39.6	3028.5	700.0	-5.0	-5.3	210.0	8.9	4.5	7.7	297.0	309.0	3.6	98.7	5.0	342.
10.0	42.4	3314.2	675.0	-8.1	-8.2	234.4	7.8	6.3	4.4	298.9	311.4	3.5	98.0	5.0	347.
10.9	45.3	3609.5	650.0	-8.8	-7.0	259.9	8.4	8.3	1.5	301.3	311.4	3.5	98.4	5.0	354.
11.9	48.3	3915.6	625.0	-9.1	-8.3	280.7	10.1	10.0	1.6	303.2	312.7	3.3	98.2	5.1	1.
12.9	51.4	4232.1	600.0	-9.8	-10.3	292.2	10.4	9.9	3.2	304.7	313.3	2.9	94.8	5.1	7.
13.9	54.4	4559.7	575.0	-11.7	-12.4	249.5	9.6	9.0	3.4	306.3	314.0	2.6	92.6	5.7	12.
14.9	57.5	4899.5	550.0	-13.5	-14.4	238.2	10.5	9.0	5.6	308.1	315.0	2.3	90.1	6.2	16.
16.0	60.6	5252.2	525.0	-15.7	-16.9	233.0	12.5	10.0	7.5	309.8	315.6	1.9	88.4	6.9	20.
17.0	63.9	5619.1	500.0	-17.6	-19.0	234.5	16.7	13.6	9.7	311.6	316.9	1.7	88.4	8.1	26.
18.2	67.3	6001.0	475.0	-21.0	-23.0	239.2	19.4	16.7	9.9	311.9	315.9	1.3	83.8	8.1	26.
19.4	70.6	6398.1	450.0	-23.8	-26.2	244.1	19.1	17.2	8.4	313.3	316.5	1.0	80.1	10.5	36.
20.8	73.9	6813.1	425.0	-27.3	-30.3	248.3	17.5	16.3	6.5	314.0	316.3	0.7	75.9	11.8	40.
22.2	77.4	7246.5	400.0	-31.1	-34.5	250.1	19.9	15.8	5.7	314.6	316.3	0.5	71.9	13.2	44.
23.8	81.0	7700.4	375.0	-34.8	-38.6	256.2	19.6	19.0	4.7	315.5	316.8	0.4	67.8	15.0	46.
25.3	84.8	8179.9	350.0	-37.1	-41.7	258.8	30.5	29.5	5.9	318.8	319.8	0.3	61.8	18.0	54.
26.8	88.7	8690.2	325.0	-39.2	-44.3	261.1	41.7	41.3	5.7	322.1	323.5	0.2	59.9	23.1	61.
29.0	92.7	9234.3	300.0	-43.5	-49.9	266.3	43.8	43.7	8.0	324.1	323.5	99.9	99.9	23.5	69.
31.6	96.8	9813.9	275.0	-47.7	-55.9	261.5	46.9	48.4	7.0	329.0	323.5	99.9	99.9	35.9	69.
34.0	101.2	10437.4	250.0	-51.8	-59.9	271.7	45.8	45.8	-1.7	334.0	323.5	99.9	99.9	43.2	72.
36.7	105.8	11114.6	225.0	-55.2	-65.9	272.2	44.5	44.5	-1.7	334.1	323.5	99.9	99.9	50.8	76.
39.8	110.8	11885.2	200.0	-58.0	-69.9	272.2	44.5	44.5	-1.7	334.1	323.5	99.9	99.9	58.0	78.
42.8	116.0	12714.9	175.0	-58.5	-69.9	272.2	39.6	39.3	-4.9	336.7	323.5	99.9	99.9	57.0	81.
46.7	121.7	13695.8	150.0	-55.3	-69.9	269.7	35.0	34.0	-8.3	374.9	323.5	99.9	99.9	73.7	83.
51.1	128.0	14851.7	125.0	-58.3	-69.9	269.7	28.2	27.1	-7.7	389.4	323.5	99.9	99.9	81.8	85.
56.0	134.7	16248.8	100.0	-61.6	-69.9	269.7	23.3	21.5	-9.0	408.8	323.5	99.9	99.9	89.2	88.
62.5	142.7	18027.0	75.0	-62.3	-69.9	269.7	18.1	16.2	-8.0	442.3	323.5	99.9	99.9	94.0	89.
71.5	151.3	20553.5	50.0	-57.8	-69.9	339.8	7.5	2.6	-7.0	507.5	323.5	99.9	99.9	93.6	91.
85.9	160.7	24969.4	25.0	-53.6	-69.9	999.9	99.9	99.9	99.9	631.0	323.5	99.9	99.9	93.6	91.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	158 RANGE KM	11. 0 AZ DG
0.0	8.9	392.0	977.0	1.7	-1.2	110.0	5.2	-4.9	1.8	273.7	285.9	3.8	81.0	0.0	0.0
99.9	39.9	99.9	1000.0	99.9	-1.2	110.0	99.9	99.9	99.9	273.7	285.9	99.9	99.9	99.9	99.9
0.1	9.1	408.5	975.0	1.6	-1.3	121.5	12.3	-10.5	6.4	278.7	285.9	3.8	93.3	0.2	303.0
0.8	11.8	817.3	950.0	0.3	-0.5	121.5	14.0	-11.9	7.3	278.7	285.9	3.8	98.3	0.5	302.0
1.6	14.4	830.8	925.0	-0.3	-0.7	120.5	16.9	-14.6	8.8	278.1	287.8	3.7	98.2	1.2	302.0
2.5	17.0	1049.0	900.0	-2.2	-2.8	126.2	18.7	-13.4	9.8	279.3	288.3	3.5	95.9	2.1	301.0
3.3	19.7	1272.8	875.0	-2.9	-3.3	136.5	15.8	-10.9	11.5	280.8	289.8	3.4	97.1	2.9	304.0
4.1	22.3	1502.1	850.0	-4.2	-4.5	141.0	12.7	-8.0	9.9	281.8	290.3	3.2	98.8	3.6	307.0
5.0	25.0	1737.3	825.0	-5.1	-5.6	148.0	10.9	-5.8	9.2	283.2	291.4	3.1	98.6	4.1	310.0
5.8	27.6	1979.7	800.0	-5.6	-6.0	153.1	12.8	-5.8	11.4	285.2	293.5	3.0	98.7	4.7	312.0
6.7	30.3	2229.1	775.0	-4.9	-5.4	188.3	11.7	-2.4	11.4	288.5	297.6	3.3	98.7	5.2	315.0
7.6	33.0	2487.5	750.0	-4.4	-4.8	200.5	9.5	1.6	11.5	291.8	301.7	3.4	96.4	5.7	319.0
8.5	35.8	2754.7	725.0	-5.5	-6.0	222.5	4.7	3.2	8.9	298.0	308.6	3.4	96.4	6.1	324.0
9.5	38.6	3030.1	700.0	-6.4	-6.9	247.8	1.7	1.6	8.9	298.5	308.1	3.4	96.4	6.3	328.0
10.5	41.4	3315.2	675.0	-7.2	-7.7	277.3	3.2	3.2	0.6	300.3	310.4	3.3	95.9	6.3	330.0
11.5	44.2	3610.1	650.0	-8.4	-8.9	277.3	5.8	5.5	-0.4	302.9	311.8	3.1	94.0	6.1	332.0
12.7	47.2	3915.6	625.0	-10.2	-11.5	267.1	7.5	7.5	0.4	304.3	312.2	2.7	90.2	5.9	337.0
13.3	50.2	4232.1	600.0	-11.5	-13.2	271.6	8.7	8.2	-0.7	306.5	313.7	2.4	87.4	5.7	342.0
14.1	53.3	4559.7	575.0	-13.5	-16.2	274.7	8.7	10.7	-0.7	308.3	314.3	2.0	87.0	5.5	348.0
15.1	56.3	4899.7	550.0	-15.6	-19.7	289.7	10.7	12.7	0.1	309.7	314.5	1.5	85.4	5.4	358.0
16.3	59.4	5252.7	525.0	-18.3	-23.2	285.2	12.8	12.7	0.9	310.7	314.2	1.2	85.4	5.4	368.0
17.7	62.6	5619.0	500.0	-21.4	-26.6	281.0	11.2	11.0	2.2	311.5	315.0	0.8	85.8	5.7	378.0
19.0	65.9	5999.8	475.0	-24.3	-30.1	258.6	11.0	10.4	3.5	312.7	315.0	0.5	85.8	5.9	388.0
20.3	69.1	6396.0	450.0	-27.9	-33.5	251.1	12.4	11.4	4.8	313.2	315.2	0.3	85.2	6.2	398.0
21.8	72.6	6809.4	425.0	-32.1	-38.4	247.0	12.9	11.6	5.8	314.2	315.2	0.3	85.2	6.2	408.0
23.3	76.1	7241.4	400.0	-35.8	-41.0	243.3	12.9	11.6	6.6	315.0	315.2	0.3	85.2	6.2	418.0
24.9	79.7	7693.4	375.0	-39.9	-45.9	247.7	17.3	16.0	7.4	315.0	315.2	0.3	85.2	6.2	428.0
26.5	83.4	8188.9	350.0	-41.1	-49.9	256.0	30.5	29.8	7.4	320.0	315.2	0.3	85.2	6.2	438.0
28.2	87.2	8713.3	325.0	-43.0	-52.5	259.2	40.3	39.5	7.5	325.5	315.2	0.3	85.2	6.2	448.0
29.9	91.2	9215.7	300.0	-47.4	-58.8	263.1	42.2	41.8	5.1	328.5	315.2	0.3	85.2	6.2	458.0
31.9	95.3	9796.5	275.0	-50.5	-62.7	268.2	41.2	41.2	1.3	331.0	315.2	0.3	85.2	6.2	468.0
33.9	99.7	10421.4	250.0	-52.5	-65.3	274.0	39.3	39.2	-2.7	338.1	315.2	0.3	85.2	6.2	478.0
36.4	104.3	11105.7	225.0	-55.4	-68.4	273.5	35.5	35.4	-4.5	349.8	315.2	0.3	85.2	6.2	488.0
38.4	109.2	11888.7	200.0	-58.8	-71.8	278.0	31.9	31.8	-5.9	361.0	315.2	0.3	85.2	6.2	498.0
41.0	114.4	12731.7	175.0	-59.9	-73.9	276.7	33.8	33.6	-7.9	374.0	315.2	0.3	85.2	6.2	508.0
43.9	120.2	13717.0	150.0	-57.8	-69.9	281.3	30.4	29.8	-5.3	390.6	315.2	0.3	85.2	6.2	518.0
47.4	126.5	14873.0	125.0	-58.8	-71.8	284.9	22.7	22.0	-8.6	411.2	315.2	0.3	85.2	6.2	528.0
51.3	133.3	16281.3	100.0	-60.7	-73.9	300.4	17.0	14.7	-8.6	445.7	315.2	0.3	85.2	6.2	538.0
56.0	141.3	18079.5	75.0	-68.3	-80.3	267.3	7.3	7.9	-0.4	510.8	315.2	0.3	85.2	6.2	548.0
61.9	150.0	20622.2	50.0	-58.3	-73.9	267.3	6.0	-8.0	0.3	536.2	315.2	0.3	85.2	6.2	558.0
69.4	159.7	25059.5	25.0	-51.8	-65.3	92.7	6.0	-8.0	0.3	536.2	315.2	0.3	85.2	6.2	568.0
81.5	159.7	25059.5	25.0	-51.8	-65.3	92.7	6.0	-8.0	0.3	536.2	315.2	0.3	85.2	6.2	578.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

27 MARCH 1982  
1715 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	392.0	978.3	3.9	0.4	110.0	7.2	-6.8	2.5	278.8	289.2	4.0	78.0	154	18.0
99.9	99.9	1000.0	978.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.0	419.5	975.0	3.3	-1.4	118.5	10.6	-9.3	5.0	278.5	287.7	3.5	71.1	0.0	0.0
0.9	11.6	829.3	950.0	0.9	-0.4	118.2	11.0	-9.7	5.2	278.2	288.2	3.5	70.7	0.5	303.
1.7	14.2	843.3	925.0	-0.6	-1.2	114.7	11.9	-10.9	5.0	278.2	288.5	3.8	95.2	1.0	299.
2.4	16.8	1061.9	900.0	-0.8	-3.1	112.1	12.8	-11.9	4.8	278.2	288.1	3.4	94.1	1.6	297.
3.2	19.4	1285.4	875.0	-3.8	-4.4	117.7	13.7	-12.1	6.4	278.8	288.1	3.2	98.2	2.2	297.
4.0	22.0	1514.1	850.0	-4.4	-4.9	131.4	13.3	-10.0	8.8	281.6	289.9	3.1	98.1	2.9	297.
4.9	24.7	1749.6	825.0	-4.6	-5.2	142.4	10.4	-8.4	8.3	283.7	289.2	3.2	98.0	3.5	301.
5.8	27.3	1992.0	800.0	-5.0	-5.5	162.8	8.8	-2.8	8.4	285.9	294.7	3.2	95.9	3.9	305.
6.7	30.0	2241.6	775.0	-4.8	-5.4	197.9	6.7	2.1	6.0	288.6	297.7	3.2	98.0	4.2	308.
7.6	32.7	2499.8	750.0	-5.3	-5.9	195.2	3.9	1.0	3.7	290.8	299.9	3.2	95.9	4.3	313.
8.5	35.4	2766.2	725.0	-5.3	-5.5	196.8	2.2	0.6	2.2	293.7	303.2	3.4	95.9	4.3	314.
9.5	38.2	3042.7	700.0	-4.5	-5.0	209.0	1.6	0.8	1.4	297.5	308.1	3.8	98.0	4.4	316.
10.5	41.0	3329.2	675.0	-5.4	-6.1	259.3	2.7	2.8	0.5	298.6	309.8	3.6	94.7	4.3	317.
11.4	43.8	3625.4	650.0	-6.5	-7.2	269.7	5.3	5.3	0.0	301.7	311.5	3.4	94.4	4.3	319.
12.5	46.7	3931.5	625.0	-8.0	-8.9	276.1	5.9	6.8	-0.7	303.3	312.4	3.1	93.1	3.9	323.
13.5	49.6	4248.0	600.0	-10.0	-11.3	279.6	7.3	7.2	-1.2	304.6	312.6	2.7	90.2	3.6	328.
14.6	52.4	4575.4	575.0	-11.9	-13.5	278.4	8.1	8.0	-1.2	306.1	313.1	2.3	87.9	3.3	335.
15.7	55.5	4914.7	550.0	-13.9	-17.3	276.0	9.4	9.3	-1.0	307.6	313.1	1.8	75.6	3.1	344.
16.8	58.5	5266.5	525.0	-16.6	-20.2	273.4	10.4	10.4	-0.6	308.5	312.7	1.5	68.3	2.9	356.
18.1	61.6	5631.3	500.0	-19.5	-23.9	270.8	10.5	10.9	-0.2	309.2	312.8	1.1	63.1	2.9	358.
19.3	64.9	6010.2	475.0	-22.5	-27.6	262.0	10.3	10.2	1.4	310.6	312.8	0.8	58.1	3.7	35.
20.5	68.1	6404.4	450.0	-26.0	-31.7	251.4	10.9	10.3	3.5	310.6	312.8	0.5	58.6	4.6	41.
21.9	71.4	6815.9	425.0	-28.8	-34.2	235.7	13.4	11.1	7.8	312.1	313.7	0.4	58.7	5.8	41.
23.3	74.8	7247.0	400.0	-31.8	-36.8	220.9	14.4	9.4	10.9	313.6	315.0	0.3	55.5	7.0	41.
24.7	78.3	7699.3	375.0	-36.0	-41.7	212.4	14.1	7.5	11.3	314.8	314.9	99.9	99.9	8.3	33.
26.3	82.0	8174.8	350.0	-40.0	-47.9	215.7	14.0	8.2	11.3	317.9	319.9	99.9	99.9	9.6	41.
27.9	85.7	8677.3	325.0	-42.7	-50.9	244.5	17.0	15.3	7.3	320.5	320.9	99.9	99.9	11.4	56.
29.7	89.6	9214.3	300.0	-46.0	-56.9	263.4	24.5	24.4	2.8	329.4	329.9	99.9	99.9	14.2	56.
31.6	93.7	9794.1	275.0	-48.4	-59.9	267.9	31.5	31.5	1.1	334.3	334.9	99.9	99.9	18.0	63.
33.8	98.0	10426.7	250.0	-50.3	-63.9	270.7	32.9	32.9	-0.4	340.7	340.9	99.9	99.9	21.9	68.
36.0	102.5	11116.7	225.0	-50.8	-66.9	273.0	32.1	32.1	-1.7	349.6	349.9	99.9	99.9	26.7	72.
38.6	107.4	11880.9	200.0	-52.3	-69.9	273.0	32.1	32.1	-1.7	359.6	359.9	99.9	99.9	31.5	78.
41.4	112.5	12743.1	175.0	-53.3	-72.9	274.1	32.2	32.2	-2.3	362.0	362.9	99.9	99.9	36.4	80.
44.8	118.2	13729.5	150.0	-55.7	-76.9	276.6	35.3	35.0	-4.1	374.1	374.1	99.9	99.9	45.8	83.
48.7	124.2	14895.0	125.0	-58.3	-80.9	283.9	28.5	27.6	-6.8	394.1	394.1	99.9	99.9	51.6	86.
53.1	131.0	16307.2	100.0	-59.3	-83.9	280.9	21.4	21.1	-4.1	413.1	413.1	99.9	99.9	58.2	88.
58.8	139.0	18105.8	75.0	-59.5	-87.9	292.4	15.4	14.2	-5.9	448.1	448.1	99.9	99.9	61.3	90.
66.2	148.0	20647.8	50.0	-56.0	-89.9	289.1	4.6	4.3	-1.5	511.5	511.5	99.9	99.9	61.3	90.
78.0	158.0	23084.2	25.0	-51.3	-93.9	32.9	2.7	-1.5	-2.3	637.2	637.2	99.9	99.9	61.3	90.

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA  
27 MARCH 1982  
2015 GMT

151 27. 3

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT T DG X	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.7	392.0	373.0	4.4	1.1	90.0	5.2	-5.2	0.0	279.3	290.3	4.2	-79.3	0.0	3.
99.9	99.9	399.9	1000.0	99.9	39.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 0.9	9.1	417.0	955.0	3.1	-9.4	114.2	8.4	-5.5	2.6	278.2	282.2	3.9	99.9	0.1	284.
0 2.9	11.7	527.0	950.0	1.0	-0.4	115.1	8.7	-6.0	2.8	278.2	282.5	4.0	92.5	0.3	290.
1 4.4	14.2	840.9	925.0	-0.6	-1.0	115.3	8.9	-6.2	3.6	278.5	282.7	3.8	96.8	0.5	292.
2 1.4	18.9	1059.8	903.0	-1.8	-2.1	115.3	7.7	-8.8	3.8	279.3	289.8	3.4	98.0	0.8	293.
2 9.9	19.6	1283.6	875.0	-2.9	-3.6	128.8	10.0	-8.0	5.0	280.3	292.0	3.4	97.1	1.3	306.
3 6.9	22.2	1513.6	850.0	-3.2	-4.2	134.9	9.8	-5.0	5.8	282.3	293.8	3.4	96.8	2.4	308.
4 5.9	24.8	1749.8	825.0	-3.7	-4.8	137.8	7.9	-3.8	5.3	284.3	298.8	3.4	96.8	2.8	310.
5 3.9	27.6	1992.9	800.0	-4.4	-5.5	141.4	3.7	-1.2	3.5	285.3	300.3	3.4	96.8	3.0	310.
6 2.9	30.2	2233.4	775.0	-4.2	-5.8	151.4	3.4	-2.5	2.4	289.0	304.3	3.4	96.7	3.0	310.
7 0.9	33.0	2501.9	750.0	-5.1	-5.5	151.4	3.6	-2.7	3.1	291.0	307.5	3.4	96.0	3.2	314.
7 9.9	35.7	2768.8	725.0	-4.7	-5.5	152.5	3.1	-4.0	3.1	292.2	311.2	3.4	96.0	3.0	321.
8 8.9	38.5	3045.4	700.0	-4.7	-5.3	153.7	4.9	9.0	2.3	302.2	312.0	3.4	94.0	2.8	332.
9 7.9	41.3	3332.1	675.0	-4.8	-7.3	254.3	10.3	10.7	1.7	303.1	312.1	3.4	92.7	2.6	347.
10 7.9	44.1	3628.6	650.0	-8.0	-9.0	260.9	11.5	11.4	0.9	304.2	311.4	2.4	82.7	2.6	347.
11 7.9	47.1	3924.9	625.0	-8.2	-12.7	265.4	10.4	10.4	0.4	304.4	308.6	1.3	58.2	2.7	30.
12 8.9	50.0	4220.9	600.0	-10.3	-20.1	267.9	8.7	8.7	0.1	305.5	310.4	1.1	57.4	3.0	30.
13 8.9	53.0	4514.8	575.0	-14.6	-21.6	271.0	8.7	8.7	0.2	307.5	310.3	0.9	57.9	3.4	48.
14 2.9	56.0	4808.5	550.0	-17.4	-23.7	276.2	8.8	8.8	0.0	309.4	311.0	0.9	57.9	3.4	48.
15 2.9	59.1	5102.5	525.0	-20.2	-26.3	280.6	8.8	8.8	0.0	311.3	312.5	0.4	57.9	3.4	48.
16 4.9	62.3	5396.4	500.0	-23.1	-33.2	285.8	8.8	8.8	0.0	313.2	314.2	0.3	57.9	3.4	48.
17 7.9	65.4	5690.3	475.0	-25.4	-36.9	289.4	8.8	8.8	0.0	315.3	315.5	0.2	57.9	3.4	48.
18 9.9	68.8	5984.2	450.0	-28.0	-39.6	293.2	13.7	13.0	-4.5	317.1	317.7	0.1	57.9	3.4	48.
19 1.9	72.0	6278.1	425.0	-31.1	-41.5	297.5	16.0	15.2	-5.1	319.1	319.3	0.1	57.9	3.4	48.
20 9.9	75.4	6572.0	400.0	-34.5	-44.5	291.8	17.2	16.0	-6.3	321.3	321.3	0.1	57.9	3.4	48.
21 7.9	78.0	6865.9	375.0	-38.3	-47.8	295.4	19.5	18.0	-7.4	323.4	323.4	0.1	57.9	3.4	48.
22 7.9	81.7	7159.8	350.0	-42.5	-50.9	299.9	20.0	18.0	-7.4	325.5	325.5	0.1	57.9	3.4	48.
23 7.9	85.4	7453.7	325.0	-46.9	-54.5	284.7	24.5	23.7	-6.6	327.4	327.4	0.1	57.9	3.4	48.
24 7.9	89.1	7747.6	300.0	-51.3	-58.9	280.5	28.1	27.5	-5.5	329.5	329.5	0.1	57.9	3.4	48.
25 7.9	92.8	8041.5	275.0	-55.5	-62.3	280.3	32.3	31.7	-5.5	331.6	331.6	0.1	57.9	3.4	48.
26 7.9	96.5	8335.4	250.0	-59.9	-66.7	279.2	36.7	36.1	-5.5	333.7	333.7	0.1	57.9	3.4	48.
27 7.9	100.2	8629.3	225.0	-64.3	-71.1	278.0	41.1	40.5	-5.5	335.8	335.8	0.1	57.9	3.4	48.
28 7.9	103.9	8923.2	200.0	-68.7	-75.5	276.8	45.5	44.9	-5.5	337.9	337.9	0.1	57.9	3.4	48.
29 7.9	107.6	9217.1	175.0	-73.1	-79.9	275.6	49.9	49.3	-5.5	340.0	340.0	0.1	57.9	3.4	48.
30 7.9	111.3	9511.0	150.0	-77.5	-84.3	274.4	54.3	53.7	-5.5	342.1	342.1	0.1	57.9	3.4	48.
31 0.9	115.0	9804.9	125.0	-81.9	-88.7	273.2	58.7	58.1	-5.5	344.2	344.2	0.1	57.9	3.4	48.
32 0.9	118.7	10098.8	100.0	-86.3	-93.1	272.0	63.1	62.5	-5.5	346.3	346.3	0.1	57.9	3.4	48.
33 0.9	122.4	10392.7	75.0	-90.7	-97.5	270.8	67.5	66.9	-5.5	348.4	348.4	0.1	57.9	3.4	48.
34 0.9	126.1	10686.6	50.0	-95.1	-101.9	269.6	71.9	71.3	-5.5	350.5	350.5	0.1	57.9	3.4	48.
35 0.9	129.8	10980.5	25.0	-99.5	-106.3	268.4	76.3	75.7	-5.5	352.6	352.6	0.1	57.9	3.4	48.
36 0.9	133.5	11274.4	0.0	-103.9	-110.7	267.2	80.7	80.1	-5.5	354.7	354.7	0.1	57.9	3.4	48.
37 0.9	137.2	11568.3	0.0	-108.3	-115.1	266.0	85.1	84.5	-5.5	356.8	356.8	0.1	57.9	3.4	48.
38 0.9	140.9	11862.2	0.0	-112.7	-119.5	264.8	89.5	88.9	-5.5	358.9	358.9	0.1	57.9	3.4	48.
39 0.9	144.6	12156.1	0.0	-117.1	-123.9	263.6	93.9	93.3	-5.5	361.0	361.0	0.1	57.9	3.4	48.
40 0.9	148.3	12450.0	0.0	-121.5	-128.3	262.4	98.3	97.7	-5.5	363.1	363.1	0.1	57.9	3.4	48.
41 0.9	152.0	12743.9	0.0	-125.9	-132.7	261.2	102.7	102.1	-5.5	365.2	365.2	0.1	57.9	3.4	48.
42 0.9	155.7	13037.8	0.0	-130.3	-137.1	260.0	107.1	106.5	-5.5	367.3	367.3	0.1	57.9	3.4	48.
43 0.9	159.4	13331.7	0.0	-134.7	-141.5	258.8	111.5	110.9	-5.5	369.4	369.4	0.1	57.9	3.4	48.
44 0.9	163.1	13625.6	0.0	-139.1	-145.9	257.6	115.9	115.3	-5.5	371.5	371.5	0.1	57.9	3.4	48.
45 0.9	166.8	13919.5	0.0	-143.5	-150.3	256.4	120.3	119.7	-5.5	373.6	373.6	0.1	57.9	3.4	48.
46 0.9	170.5	14213.4	0.0	-147.9	-154.7	255.2	124.7	124.1	-5.5	375.7	375.7	0.1	57.9	3.4	48.
47 0.9	174.2	14507.3	0.0	-152.3	-159.1	254.0	129.1	128.5	-5.5	377.8	377.8	0.1	57.9	3.4	48.
48 0.9	177.9	14801.2	0.0	-156.7	-163.5	252.8	133.5	132.9	-5.5	379.9	379.9	0.1	57.9	3.4	48.
49 0.9	181.6	15095.1	0.0	-161.1	-167.9	251.6	137.9	137.3	-5.5	382.0	382.0	0.1	57.9	3.4	48.
50 0.9	185.3	15389.0	0.0	-165.5	-172.3	250.4	142.3	141.7	-5.5	384.1	384.1	0.1	57.9	3.4	48.
51 0.9	189.0	15682.9	0.0	-169.9	-176.7	249.2	146.7	146.1	-5.5	386.2	386.2	0.1	57.9	3.4	48.
52 0.9	192.7	15976.8	0.0	-174.3	-181.1	248.0	151.1	150.5	-5.5	388.3	388.3	0.1	57.9	3.4	48.
53 0.9	196.4	16270.7	0.0	-178.7	-185.5	246.8	155.5	154.9	-5.5	390.4	390.4	0.1	57.9	3.4	48.
54 0.9	200.1	16564.6	0.0	-183.1	-189.9	245.6	159.9	159.3	-5.5	392.5	392.5	0.1	57.9	3.4	48.
55 0.9	203.8	16858.5	0.0	-187.5	-194.3	244.4	164.3	163.7	-5.5	394.6	394.6	0.1	57.9	3.4	48.
56 0.9	207.5	17152.4	0.0	-191.9	-198.7	243.2	168.7	168.1	-5.5	396.7	396.7	0.1	57.9	3.4	48.
57 0.9	211.2	17446.3	0.0	-196.3	-203.1	242.0	173.1	172.5	-5.5	398.8	398.8	0.1	57.9	3.4	48.
58 0.9	214.9	17740.2	0.0	-200.7	-207.5	240.8	177.5	176.9	-5.5	400.9	400.9	0.1	57.9	3.4	48.
59 0.9	218.6	18034.1	0.0	-205.1	-211.9	239.6	181.9	181.3	-5.5	403.0	403.0	0.1	57.9	3.4	48.
60 0.9	222.3	18328.0	0.0	-209.5	-216.3	238.4	186.3	185.7	-5.5	405.1	405.1	0.1	57.9	3.4	48.
61 0.9	226.0	18621.9	0.0	-213.9	-220.7	237.2	190.7	190.1	-5.5	407.2	407.2	0.1	57.9	3.4	48.
62 0.9	229.7	18915.8	0.0	-218.3	-225.1	236.0	195.1	194.5	-5.5	409.3	409.3	0.1	57.9	3.4	48.
63 0.9	233.4	19209.7	0.0	-222.7	-229.5	234.8	199.5	198.9	-5.5	411.4	411.4	0.1	57.9	3.4	48.
64 0.9	237.1	19503.6	0.0	-227.1	-233.9	233.6	203.9	203.3	-5.5	413.5	413.5	0.1	57.9	3.4	48.
65 0.9	240.8	19797.5	0.0	-231.5	-238.3	232.4	208.3	207.7	-5.5	415.6	415.6	0.1	57.9	3.4	48.
66 0.9	244.5	20091.4	0.0	-235.9	-242.7	231.2	212.7	212.1	-5.5	417.7	417.7	0.1	57.9	3.4	48.
67 0.9	248.2	20385.3	0.0	-240.3	-247.1	230.0	217.1	216.5	-5.5	419.8	419.8	0.1	57.9	3.4	48.
68 0.9	251.9	20679.2	0.0	-244.7	-251.5	228.8	221.5	220.9	-5.5	421.9	421.9	0.1	57.9	3.4	48.
69 0.9	255.6	20973.1	0.0	-249.1	-255.9	227.6	225.9	225.3	-5.5	424.0	424.0	0.1	57.9	3.4	48.
70 0.9	259.3	21267.0	0.0	-253.5	-260.3	226.4	230.3	229.7	-5.5	426.1	426.1	0.1	57.9	3.4	48.
71 0.9	263.0	21560.9	0.0	-257.9	-264.7	225.2	234.7	234.1	-5.5	428.2	428.2	0.1	57.9	3.4	48.
72 0.9	266.7	21854.8	0.0	-262.3	-269.1	224.0	239.1	238.5	-5.5	430.3	430.3	0.1	57.9	3.4	48.
73 0.9	270.4	22148.7	0.0	-266.7	-273.5</										



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	FGT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	11. 0	156
0.0	8.6	392.0	978.0	3.3	-0.2	100.0	6.2	-6.1	1.1	278.2	288.2	3.9	78.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
0.1	8.9	416.9	975.0	2.9	0.3	54.5	3.1	-2.6	-1.8	278.1	287.9	3.8	78.0	0.3	315.	
0.8	11.5	626.9	950.0	1.2	-0.5	72.1	3.0	-2.8	-0.9	278.4	289.0	4.1	93.8	0.4	295.	
1.8	14.1	841.1	925.0	-0.2	-1.0	119.8	9.1	-7.9	4.5	279.2	289.2	3.9	94.3	0.7	293.	
2.4	16.7	1080.2	900.0	-1.6	-2.3	125.7	11.6	-9.4	6.8	279.9	289.3	3.6	95.2	1.2	299.	
3.3	19.2	1283.9	875.0	-3.4	-3.7	127.2	11.8	-8.4	7.1	280.3	289.9	3.3	97.8	1.8	302.	
4.2	21.9	1513.9	850.0	-4.5	-4.8	134.7	11.8	-8.2	8.2	281.5	289.9	3.2	97.8	2.4	302.	
5.1	24.6	1748.3	825.0	-4.4	-4.8	140.3	11.5	-8.2	8.2	282.0	289.9	3.2	97.8	3.1	307.	
5.9	27.3	1990.8	800.0	-5.2	-5.5	137.7	8.8	-8.0	6.5	285.6	292.7	3.2	97.8	3.6	308.	
6.7	30.0	2240.3	775.0	-5.0	-5.1	120.0	3.8	-3.3	0.5	290.3	297.7	3.2	98.5	4.0	308.	
7.6	32.8	2498.2	750.0	-5.7	-5.2	103.3	2.1	-2.0	0.5	294.4	304.5	3.2	98.5	4.1	308.	
8.6	35.6	2764.9	725.0	-4.6	-5.1	177.0	2.7	-2.7	3.6	297.6	308.2	3.8	95.8	4.1	311.	
9.5	38.3	3041.5	700.0	-4.5	-5.0	216.6	4.5	6.2	2.1	300.3	310.9	3.7	94.9	4.1	315.	
10.4	41.1	3328.0	675.0	-4.7	-5.8	251.5	6.6	7.5	1.7	301.3	311.0	3.4	95.0	3.8	322.	
11.6	44.0	3624.2	650.0	-6.8	-7.5	257.1	7.7	7.2	2.0	302.2	311.0	3.0	95.0	3.7	322.	
12.5	46.9	3929.9	625.0	-8.9	-9.5	254.7	7.5	6.0	0.8	303.4	308.5	1.9	98.1	3.5	325.	
13.6	49.9	4245.4	600.0	-11.0	-15.8	282.7	8.1	5.8	0.6	304.2	307.8	0.8	98.1	3.3	330.	
14.8	52.9	4571.0	575.0	-13.5	-27.0	265.3	7.8	7.7	0.2	305.4	311.3	0.7	98.1	3.3	330.	
16.1	56.0	4907.2	550.0	-17.1	-23.7	268.6	8.5	8.5	-0.6	307.9	311.3	1.1	98.1	3.3	330.	
17.4	59.3	5257.8	525.0	-19.6	-29.1	274.5	7.1	7.0	-0.6	309.2	312.3	0.5	98.1	3.3	330.	
18.9	62.4	5622.3	500.0	-22.2	-32.0	277.2	7.8	7.7	-4.4	310.5	313.8	0.5	98.1	3.3	330.	
20.2	65.6	6001.4	475.0	-25.0	-32.0	291.9	11.7	10.9	-6.7	311.9	313.8	0.2	98.1	3.3	330.	
21.6	68.9	6386.8	450.0	-28.2	-41.3	284.7	15.8	14.5	-6.9	312.9	313.8	0.2	98.1	3.3	330.	
23.2	72.3	6809.7	425.0	-31.8	-45.7	291.6	18.8	17.5	-6.0	313.7	314.2	0.1	98.1	3.3	330.	
24.9	75.7	7241.8	400.0	-35.3	-48.9	288.5	19.0	18.0	-6.0	314.8	315.7	0.1	98.1	3.3	330.	
26.8	79.1	7694.6	375.0	-39.4	-50.0	282.5	17.5	17.1	-3.8	315.7	316.1	0.1	98.1	3.3	330.	
28.3	82.7	8171.5	350.0	-43.4	-50.0	279.3	21.3	21.0	-3.4	316.9	316.1	0.1	98.1	3.3	330.	
30.3	86.5	8674.4	325.0	-45.2	-50.0	284.0	32.1	31.2	-7.8	321.7	316.1	0.1	98.1	3.3	330.	
32.3	90.3	9211.7	300.0	-48.4	-50.0	283.2	34.4	33.4	-6.9	325.1	316.1	0.1	98.1	3.3	330.	
34.4	94.1	9780.4	275.0	-51.5	-50.0	281.1	35.9	35.3	-5.8	329.5	316.1	0.1	98.1	3.3	330.	
36.5	98.3	10411.8	250.0	-54.0	-50.0	279.5	35.3	34.9	-5.8	335.8	316.1	0.1	98.1	3.3	330.	
38.9	102.8	11091.2	225.0	-51.4	-50.0	281.2	32.0	31.4	-6.2	351.2	316.1	0.1	98.1	3.3	330.	
41.6	107.5	11852.9	200.0	-54.2	-50.0	281.2	32.2	32.0	-6.2	360.4	316.1	0.1	98.1	3.3	330.	
44.5	112.6	12715.9	175.0	-56.2	-50.0	276.4	30.9	30.8	-7.6	373.3	316.1	0.1	98.1	3.3	330.	
47.9	118.0	13695.9	150.0	-57.6	-50.0	273.6	30.2	29.8	-5.0	390.6	316.1	0.1	98.1	3.3	330.	
51.9	124.0	14854.1	125.0	-61.1	-50.0	278.6	28.1	25.8	-3.9	409.7	316.1	0.1	98.1	3.3	330.	
56.7	131.0	16253.0	100.0	-62.1	-50.0	278.7	16.8	15.9	-5.0	442.8	316.1	0.1	98.1	3.3	330.	
62.7	138.7	18042.9	75.0	-62.1	-50.0	289.3	8.4	7.9	-2.7	506.9	316.1	0.1	98.1	3.3	330.	
69.7	147.7	20565.3	50.0	-58.0	-50.0	289.0	3.4	1.9	-2.9	630.4	316.1	0.1	98.1	3.3	330.	
81.7	157.7	24988.4	25.0	-53.8	-50.0	326.2	3.4	1.9	-2.9	630.4	316.1	0.1	98.1	3.3	330.	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

28 MARCH 1982  
215 GMT

159 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	332.0	979.3	4.4	1.1	120.0	4.1	-3.6	2.0	279.2	290.1	4.2	79.0	0.0	0.
99.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.1	427.9	975.0	4.0	0.7	99.9	99.9	99.9	99.9	279.1	289.8	4.1	79.0	99.9	99.9
1.6	11.7	638.6	950.0	2.0	1.0	99.9	99.9	99.9	99.9	279.1	290.4	4.3	93.5	99.9	99.9
2.4	14.4	853.3	925.0	0.0	-0.4	99.9	99.9	99.9	99.9	279.4	289.7	4.0	96.6	99.9	99.9
3.1	17.0	1072.2	900.0	-1.6	-1.8	99.9	99.9	99.9	99.9	279.9	289.6	3.7	98.1	99.9	99.9
3.9	19.8	1296.3	875.0	-2.7	-3.0	99.9	99.9	99.9	99.9	280.9	290.1	3.5	97.9	99.9	99.9
4.7	22.4	1528.0	850.0	-3.8	-4.1	99.9	99.9	99.9	99.9	282.2	291.0	3.3	97.8	99.9	99.9
5.6	25.1	1781.6	825.0	-4.5	-4.8	99.9	99.9	99.9	99.9	283.9	292.5	3.2	97.6	99.9	99.9
6.6	27.8	2004.3	800.0	-4.5	-4.8	120.2	6.1	-5.3	0.8	285.4	295.4	3.3	96.8	2.0	330.
7.5	30.5	2254.8	775.0	-4.4	-4.9	101.4	3.8	-3.7	0.2	289.1	298.5	3.5	96.8	2.2	330.
8.5	33.3	2513.3	750.0	-4.5	-4.9	101.4	3.8	-0.2	0.2	289.1	301.5	4.1	97.1	2.2	338.
9.5	36.0	2781.2	725.0	-4.5	-4.9	126.8	4.0	4.4	0.2	289.1	307.7	4.1	97.1	2.2	338.
10.5	38.9	3058.6	700.0	-4.8	-7.3	44.2	7.0	-4.9	-5.0	287.2	308.3	3.2	82.6	2.4	325.
11.4	41.8	3344.1	675.0	-6.5	-7.7	5.4	5.3	-0.5	-5.3	288.4	308.5	3.0	91.0	2.2	320.
12.5	44.6	3638.4	650.0	-8.3	-8.7	271.8	3.6	3.6	-0.1	289.6	308.3	3.0	95.9	2.0	328.
13.5	47.6	3942.3	625.0	-9.9	-13.5	285.3	5.3	5.2	0.4	301.2	307.7	2.2	76.3	1.9	339.
14.7	50.5	4257.2	600.0	-10.9	-16.1	271.2	7.8	7.8	-0.2	304.0	309.4	1.8	63.1	1.7	360.
15.9	53.5	4593.3	575.0	-12.9	-23.8	278.4	10.3	10.2	-0.2	304.9	307.9	1.0	39.9	1.7	360.
17.1	56.6	4920.8	550.0	-14.9	-27.6	274.3	11.1	11.1	-0.8	306.4	308.7	0.7	32.9	2.2	46.
18.4	59.6	5271.3	525.0	-17.2	-30.2	272.5	11.3	11.3	-0.5	307.7	308.7	0.6	31.3	2.2	46.
19.8	62.8	5635.4	500.0	-19.6	-37.1	272.5	11.2	11.1	-1.1	309.2	310.2	0.2	19.4	2.2	59.
21.2	66.0	6014.1	475.0	-22.7	-40.9	275.8	11.2	12.2	-1.4	309.9	310.7	0.2	17.0	2.7	74.
22.7	69.3	6408.7	450.0	-25.6	-43.6	274.3	14.7	14.8	-0.8	311.0	311.7	0.2	16.7	6.1	79.
24.3	72.6	6821.2	425.0	-27.9	-46.6	272.6	16.9	16.9	-0.9	313.2	313.8	0.1	16.7	7.7	82.
26.0	75.0	7253.2	400.0	-31.6	-48.6	272.7	19.0	19.0	-1.6	313.9	315.6	0.1	14.8	9.8	84.
27.7	78.7	7707.2	375.0	-34.9	-52.4	274.2	21.4	21.3	-1.2	315.4	316.9	0.1	13.8	12.0	86.
29.5	83.3	8155.1	350.0	-38.6	-56.1	273.2	21.4	21.4	-1.2	316.7	316.9	99.9	99.9	14.4	87.
31.6	87.0	8590.4	325.0	-41.4	-59.9	272.2	25.7	25.5	-3.2	319.6	319.9	99.9	99.9	17.7	90.
33.9	91.0	9028.9	300.0	-45.4	-59.9	281.0	26.8	26.3	-5.1	321.3	321.3	99.9	99.9	21.7	92.
36.3	95.2	9478.1	275.0	-48.6	-59.9	280.0	30.0	29.5	-5.2	324.8	324.8	99.9	99.9	26.3	93.
38.7	99.5	10426.1	250.0	-52.7	-59.9	278.8	37.7	37.4	-4.4	327.8	327.8	99.9	99.9	31.6	94.
41.4	108.8	11855.1	200.0	-54.4	-59.9	274.5	34.4	34.3	-4.5	335.2	335.2	99.9	99.9	37.0	94.
44.4	114.0	12710.1	175.0	-54.7	-59.9	277.0	30.5	30.2	-3.5	339.6	339.6	99.9	99.9	42.1	94.
48.1	119.5	13698.9	150.0	-54.3	-59.9	270.0	28.4	28.2	0.0	339.6	339.6	99.9	99.9	48.1	94.
52.2	125.7	14881.5	125.0	-57.7	-59.9	278.5	34.1	33.8	-3.9	390.5	390.5	99.9	99.9	57.0	94.
57.0	132.5	16254.8	100.0	-60.4	-59.9	274.1	25.3	25.2	-1.8	411.1	411.1	99.9	99.9	65.4	94.
63.3	140.3	18045.5	75.0	-62.6	-59.9	282.5	19.6	13.5	-5.6	441.8	441.8	99.9	99.9	72.7	94.
71.7	149.5	20557.8	50.0	-59.5	-59.9	325.9	7.9	4.5	-6.6	503.3	503.3	99.9	99.9	76.7	96.
85.7	180.0	24929.3	25.0	-54.5	-59.9	279.6	3.2	3.1	-0.5	627.3	627.3	99.9	99.9	75.2	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	392.0	980.4	4.4	1.1	180.0	1.0	-0.3	0.9	279.1	290.0	4.2	79.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.7	437.0	975.0	3.9	0.6	99.9	99.9	99.9	99.9	279.1	285.7	4.1	99.9	99.9	99.9
0.9	12.2	647.5	950.0	1.7	1.0	99.9	99.9	99.9	99.9	278.9	290.0	4.3	99.9	99.9	99.9
1.6	14.8	862.2	935.0	0.6	-0.9	99.9	99.9	99.9	99.9	279.9	290.0	3.9	99.9	99.9	99.9
2.4	17.4	1082.1	900.0	-0.2	-3.7	99.9	99.9	99.9	99.9	281.4	289.9	3.2	99.9	99.9	99.9
3.2	20.0	1207.0	875.0	-2.2	-4.4	99.9	99.9	99.9	99.9	281.5	289.9	3.2	99.9	99.9	99.9
3.9	22.6	1336.9	850.0	-3.7	-3.9	99.9	99.9	99.9	99.9	282.3	291.3	3.2	99.9	99.9	99.9
4.7	25.2	1772.6	825.0	-4.4	-4.4	157.0	7.5	-3.0	6.9	284.0	292.0	3.2	99.9	99.9	99.9
5.5	27.8	2015.4	800.0	-4.4	-4.4	138.9	5.1	-1.5	3.9	286.5	295.8	3.2	99.9	99.9	99.9
6.4	30.4	2265.9	775.0	-4.3	-4.3	181.7	4.9	-4.2	4.6	289.2	298.9	3.2	99.9	99.9	99.9
7.2	33.0	2524.7	750.0	-3.6	-3.7	231.8	5.3	5.8	3.3	292.7	303.4	3.2	99.9	99.9	99.9
8.1	35.8	2793.6	725.0	-3.5	-4.1	259.6	5.9	5.1	1.1	295.7	307.1	3.2	99.9	99.9	99.9
9.1	38.6	3070.6	700.0	-5.0	-5.6	268.7	5.1	4.1	0.3	298.0	308.8	3.1	99.9	99.9	99.9
10.1	41.3	3355.8	675.0	-6.9	-7.0	265.8	4.1	5.2	0.3	299.7	309.1	3.1	99.9	99.9	99.9
10.9	44.1	3650.1	650.0	-8.2	-8.3	266.8	5.2	5.2	-1.3	301.5	309.1	3.1	99.9	99.9	99.9
12.0	47.0	3954.3	625.0	-9.6	-11.2	278.1	9.4	9.3	-3.7	304.5	307.6	3.1	99.9	99.9	99.9
13.0	49.9	4288.9	600.0	-11.2	-20.0	285.4	12.1	11.8	-3.7	307.7	308.4	3.1	99.9	99.9	99.9
14.1	52.9	4594.4	575.0	-13.2	-23.7	287.1	12.4	11.9	-1.9	308.7	310.5	3.1	99.9	99.9	99.9
15.1	55.9	4931.6	550.0	-15.5	-25.5	272.1	11.5	11.5	-0.4	309.7	311.7	3.1	99.9	99.9	99.9
16.3	58.0	5281.5	525.0	-17.3	-26.6	276.7	11.4	11.5	-1.3	311.1	312.4	3.1	99.9	99.9	99.9
17.6	62.0	5645.4	500.0	-20.0	-31.2	287.5	12.0	13.8	-3.6	313.2	313.7	3.1	99.9	99.9	99.9
18.9	65.1	6024.1	475.0	-22.8	-36.3	290.4	14.7	16.0	-5.1	314.1	314.5	3.1	99.9	99.9	99.9
20.3	68.4	6418.3	450.0	-25.6	-45.6	288.6	16.9	17.5	-5.4	314.4	314.5	3.1	99.9	99.9	99.9
21.8	71.9	6830.9	425.0	-28.0	-48.7	286.8	18.3	18.3	-5.3	316.7	317.0	3.1	99.9	99.9	99.9
23.3	75.3	7263.1	400.0	-31.5	-50.3	283.4	18.8	18.3	-4.4	319.0	319.9	3.1	99.9	99.9	99.9
25.0	78.9	7716.1	375.0	-35.7	-54.6	282.7	22.0	21.5	-4.8	321.3	321.3	3.1	99.9	99.9	99.9
26.7	82.4	8193.0	350.0	-38.6	-54.6	277.9	25.3	24.9	-4.3	323.2	323.2	3.1	99.9	99.9	99.9
28.5	86.3	8698.6	325.0	-41.8	-59.9	275.9	28.6	28.9	-2.6	325.5	325.5	3.1	99.9	99.9	99.9
30.5	90.0	9217.4	300.0	-45.4	-59.9	275.0	28.8	26.6	-3.8	328.0	328.0	3.1	99.9	99.9	99.9
32.7	94.2	9712.0	275.0	-49.7	-59.9	278.7	28.8	26.6	-3.8	330.7	330.7	3.1	99.9	99.9	99.9
34.8	98.5	10230.1	250.0	-54.2	-59.9	278.7	27.7	27.0	-1.8	333.0	333.0	3.1	99.9	99.9	99.9
37.6	103.0	11102.7	225.0	-55.8	-59.9	273.6	27.1	27.0	-1.8	336.2	336.2	3.1	99.9	99.9	99.9
40.8	108.0	11858.7	200.0	-54.4	-59.9	273.6	27.1	27.0	-1.8	339.7	339.7	3.1	99.9	99.9	99.9
44.3	113.2	12713.4	175.0	-53.2	-59.9	272.2	29.4	29.3	-1.1	342.2	342.2	3.1	99.9	99.9	99.9
48.0	119.0	13701.6	150.0	-54.5	-59.9	275.2	30.0	29.3	-2.7	345.2	345.2	3.1	99.9	99.9	99.9
52.6	125.2	14861.0	125.0	-58.2	-59.9	275.5	30.0	29.3	-2.7	348.7	348.7	3.1	99.9	99.9	99.9
57.8	132.7	16258.3	100.0	-60.9	-59.9	273.1	15.6	15.4	-2.4	351.2	351.2	3.1	99.9	99.9	99.9
64.4	141.0	18047.5	75.0	-60.9	-59.9	273.1	3.5	3.3	-1.1	354.7	354.7	3.1	99.9	99.9	99.9
73.0	151.0	20561.6	50.0	-60.2	-59.9	287.9	4.4	4.3	0.8	358.7	358.7	3.1	99.9	99.9	99.9
86.5	161.7	24956.3	25.0	-54.4	-59.9	259.0	4.4	4.3	0.8	363.7	363.7	3.1	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA

28 MARCH 1982

158 9. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/AG	RH PCT	RANGE KM	AZ DG
0.0	8.8	392.0	979.0	4.4	1.1	100.0	2.6	-2.6	0.5	279.2	290.2	4.2	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	9.2	425.4	975.0	4.2	0.9	175.8	0.6	-0.0	0.6	279.3	290.1	4.2	79.1	0.2	284.
1.0	11.8	636.0	950.0	2.0	-1.1	138.3	3.7	-2.4	2.7	279.2	288.9	3.7	80.2	0.2	291.
1.8	14.4	850.8	925.0	0.6	-5.2	142.5	7.2	-4.4	5.7	280.9	287.4	2.8	84.6	0.5	304.
2.7	17.0	1070.3	900.0	-0.6	-8.0	157.4	8.3	-3.2	7.7	280.9	288.1	2.8	86.7	0.9	316.
3.5	19.6	1294.9	875.0	-2.5	-7.4	167.0	9.0	-2.0	8.8	281.2	288.0	2.5	88.5	1.3	321.
4.3	22.2	1524.4	850.0	-3.9	-6.0	186.0	7.0	0.7	7.0	282.1	289.8	2.9	85.5	1.7	331.
5.3	24.9	1760.3	825.0	-3.6	-3.9	203.1	4.9	1.9	4.5	284.8	294.1	3.5	97.8	1.9	339.
6.0	27.5	2004.2	800.0	-2.6	-2.7	234.1	5.4	4.0	2.9	285.6	299.0	3.7	99.2	2.0	343.
7.0	30.2	2255.8	775.0	-3.9	-5.7	262.3	5.4	5.4	0.9	290.5	299.7	3.3	99.0	2.1	352.
7.9	33.0	2514.1	750.0	-5.6	-5.7	259.8	5.1	5.0	0.9	290.5	299.7	3.3	98.8	2.2	360.
8.9	35.8	2781.0	725.0	-5.2	-6.4	257.5	5.7	5.6	1.2	293.8	302.9	3.3	91.3	2.2	378.
9.9	38.6	3056.4	700.0	-6.0	-10.0	279.5	8.1	8.9	-1.3	295.5	303.2	2.6	73.3	2.3	17.
10.9	41.3	3340.8	675.0	-7.2	-12.0	297.4	13.0	11.6	-6.0	297.6	304.2	2.3	68.8	2.3	33.
12.0	44.2	3634.5	650.0	-8.4	-15.4	306.8	15.2	12.0	-9.7	299.5	304.7	1.8	56.7	2.5	56.
13.0	47.1	3938.0	625.0	-9.8	-16.9	310.2	15.8	12.1	-10.2	301.2	306.2	1.6	56.2	3.0	76.
14.2	50.1	4252.0	600.0	-11.8	-20.4	307.8	15.2	12.0	-9.3	302.5	306.3	1.3	48.6	3.7	89.
15.4	53.0	4578.8	575.0	-13.7	-24.9	304.5	16.5	13.6	-8.0	304.0	306.7	0.9	38.1	4.6	87.
16.6	56.0	4913.8	550.0	-15.2	-27.7	298.0	17.0	15.0	-7.5	306.0	308.3	0.7	33.5	5.6	102.
17.8	59.1	5264.4	525.0	-16.9	-31.0	296.9	16.8	15.0	-6.5	308.2	310.0	0.5	28.1	7.0	105.
19.2	62.4	5629.0	500.0	-19.5	-32.3	299.2	17.4	15.2	-6.5	309.3	311.0	0.5	30.9	8.3	107.
20.5	65.6	6008.8	475.0	-21.4	-36.0	298.9	18.5	16.1	-8.9	311.5	312.8	0.4	25.3	9.7	109.
22.0	68.9	6405.5	450.0	-23.9	-41.2	299.6	21.2	18.4	-10.5	313.2	314.0	0.2	18.5	11.5	110.
23.6	72.3	6820.0	425.0	-27.4	-45.0	299.4	22.2	19.4	-10.9	313.9	314.4	0.2	16.7	12.6	112.
25.1	75.7	7253.4	400.0	-31.0	-47.7	297.4	21.2	18.8	-9.7	314.7	315.2	0.1	17.3	13.5	113.
26.8	79.3	7707.3	375.0	-35.0	-50.7	298.6	19.4	17.0	-8.1	315.3	315.6	0.1	18.3	17.7	114.
28.7	83.0	8183.9	350.0	-39.4	-54.0	299.8	18.3	15.9	-6.1	315.7	315.9	0.1	19.1	19.7	114.
30.6	86.9	8688.2	325.0	-42.4	-59.9	301.6	21.8	18.6	-11.4	318.3	322.3	99.9	99.9	22.7	115.
32.7	90.8	9244.8	300.0	-46.1	-65.3	299.2	21.2	18.5	-10.3	320.4	322.3	99.9	99.9	24.7	115.
35.0	95.0	9797.8	275.0	-50.4	-69.9	299.0	21.2	18.5	-10.3	322.3	322.3	99.9	99.9	27.6	116.
37.4	99.5	10414.0	250.0	-54.5	-74.9	296.2	24.0	21.5	-10.6	325.0	325.0	99.9	99.9	30.8	116.
40.1	104.0	11083.7	225.0	-57.5	-79.9	293.8	22.7	20.7	-9.1	330.4	330.4	99.9	99.9	34.6	116.
43.0	109.0	11828.1	200.0	-59.0	-84.9	284.1	24.3	23.5	-8.3	342.5	342.5	99.9	99.9	38.6	115.
46.5	114.2	12677.7	175.0	-56.2	-89.9	282.4	29.1	28.4	-5.0	357.1	357.1	99.9	99.9	44.1	114.
50.6	120.0	13659.8	150.0	-56.0	-94.9	280.9	26.6	26.1	-2.4	373.6	373.6	99.9	99.9	51.0	112.
55.2	126.2	14818.2	125.0	-57.9	-99.9	276.0	22.5	22.4	-1.4	390.3	390.3	99.9	99.9	57.5	110.
60.6	133.2	16219.2	100.0	-59.5	-104.9	273.5	22.6	22.5	-1.4	412.8	412.8	99.9	99.9	64.7	109.
67.1	141.0	17995.8	75.0	-84.3	-109.9	280.7	16.0	15.7	-3.0	438.2	438.2	99.9	99.9	71.9	107.
76.3	150.0	20509.9	50.0	-80.0	-114.9	286.2	4.4	4.4	0.3	502.0	502.0	99.9	99.9	77.1	107.
90.2	159.3	24924.1	25.0	-52.9	-99.9	285.6	4.2	4.1	-1.1	633.1	633.1	99.9	99.9	77.7	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 363  
AMARILLO, TEXAS

27 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	D/R DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0	17.9	1094.0	888.4	0.0	0.0	140.0	8.7	-5.8	-6.7	232.6	233.9	4.3	100.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	19.3	1216.1	875.0	-0.2	-0.6	150.6	11.1	-5.5	9.7	283.6	284.7	4.2	97.0	0.3	329.0
1.2	21.9	1448.1	850.0	-1.0	-1.4	183.7	10.9	-3.1	10.5	285.2	286.0	4.1	98.8	0.7	329.0
1.9	24.5	1686.2	825.0	-2.0	-2.5	189.5	12.8	2.1	12.7	288.5	289.6	3.9	98.8	1.2	341.0
2.7	27.1	1930.9	800.0	-2.1	-2.6	224.9	14.6	10.3	10.4	288.9	289.6	4.0	98.6	1.7	356.0
3.5	29.8	2184.8	775.0	-0.5	-1.0	274.3	15.3	14.7	10.4	293.2	295.9	4.6	98.9	2.1	15.0
4.4	32.4	2446.7	750.0	-1.9	-2.3	271.3	13.8	13.8	-1.0	294.6	308.4	4.3	98.7	2.5	33.0
5.4	35.2	2716.5	725.0	-2.7	-3.1	271.3	11.8	11.8	-0.3	296.6	308.3	4.2	98.5	2.9	46.0
6.2	38.0	2995.1	700.0	-2.6	-3.8	257.8	11.5	11.2	2.2	299.6	310.7	3.6	98.3	3.3	52.0
7.0	40.8	3282.9	675.0	-4.6	-6.2	256.9	9.8	9.6	2.2	300.5	310.7	3.1	98.3	3.8	55.0
8.0	43.6	3579.8	650.0	-5.8	-8.5	259.8	9.0	8.8	1.6	302.4	311.2	2.6	98.5	4.3	58.0
8.9	46.3	3886.3	625.0	-7.8	-11.1	258.5	9.8	9.6	2.0	303.5	311.2	2.3	98.3	4.8	60.0
9.9	49.3	4202.5	600.0	-10.1	-13.4	262.0	10.7	10.8	1.5	304.4	311.2	2.3	98.6	5.1	62.0
11.0	52.3	4529.9	575.0	-11.5	-16.4	266.0	13.2	12.2	0.9	306.5	311.2	0.9	98.4	5.4	65.0
12.1	55.3	4869.0	550.0	-15.0	-24.9	263.3	15.5	15.4	1.8	308.3	309.6	0.7	98.8	6.0	68.0
13.1	58.4	5219.2	525.0	-17.6	-28.4	260.8	16.1	15.9	2.8	307.3	309.6	0.7	98.8	6.0	71.0
14.3	61.5	5582.6	500.0	-20.2	-25.0	267.8	15.6	15.5	0.8	308.4	311.6	1.0	98.6	6.0	74.0
15.4	64.7	5960.8	475.0	-23.0	-24.2	275.7	15.1	14.4	-1.5	309.5	313.1	1.1	99.0	10.0	75.0
16.6	68.0	6354.5	450.0	-25.9	-31.5	286.7	13.2	11.4	-4.3	310.7	312.7	0.6	99.0	11.0	79.0
17.8	71.3	6765.8	425.0	-28.3	-34.0	300.1	14.5	12.8	-6.6	311.5	313.2	0.5	98.3	11.8	82.0
19.1	74.7	7196.5	400.0	-32.2	-39.7	297.5	14.5	12.8	-6.7	313.1	314.1	0.3	98.8	12.6	84.0
20.4	78.3	7649.4	375.0	-34.4	-47.8	297.5	21.6	21.6	-2.6	316.1	316.5	0.1	98.2	13.8	84.0
21.9	82.0	8130.8	350.0	-35.9	-52.5	289.6	33.7	33.7	0.2	320.3	320.6	0.1	98.1	16.2	86.0
23.6	85.7	8643.4	325.0	-38.3	-55.3	268.5	42.8	42.8	1.2	323.9	324.1	0.1	98.7	20.2	88.0
25.4	89.7	9188.9	300.0	-42.8	-59.9	267.9	45.1	45.1	-1.8	325.1	325.9	99.9	99.9	24.9	88.0
27.0	93.8	9771.7	275.0	-45.8	-66.6	272.3	46.1	46.1	-1.8	328.8	329.9	99.9	99.9	29.6	88.0
29.0	98.2	10400.5	250.0	-49.5	-71.9	275.9	44.4	44.4	-2.2	332.4	333.4	99.9	99.9	34.9	88.0
31.0	102.8	11087.1	225.0	-51.8	-75.9	275.9	44.4	44.4	-4.5	339.1	339.9	99.9	99.9	40.7	89.0
33.1	107.6	11849.8	200.0	-52.4	-79.9	278.3	37.8	37.8	-5.4	346.8	346.8	99.9	99.9	45.5	90.0
35.7	113.0	12708.4	175.0	-54.2	-83.9	278.0	37.9	37.9	-5.4	350.4	350.4	99.9	99.9	51.3	91.0
38.6	118.7	13691.5	150.0	-57.2	-89.9	276.8	36.5	36.5	-4.4	371.5	371.5	99.9	99.9	54.2	91.0
41.9	125.2	14841.0	125.0	-58.2	-99.9	286.4	30.2	29.7	-5.4	389.6	389.6	99.9	99.9	71.0	92.0
45.9	132.7	16239.4	100.0	-60.4	-99.9	284.3	28.4	25.6	-6.5	411.1	411.1	99.9	99.9	77.5	93.0
50.9	141.3	18016.6	75.0	-61.1	-99.9	291.9	15.7	14.6	-6.2	449.9	449.9	99.9	99.9	80.5	94.0
57.4	151.0	20535.3	50.0	-60.9	-99.9	321.0	8.0	5.0	-6.2	498.9	498.9	99.9	99.9	87.5	95.0
68.8	162.3	24935.1	25.0	-55.2	-99.9	999.9	99.9	99.9	99.9	635.4	635.4	99.9	99.9	98.4	96.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 18  
OF POOR QUALITY

STATION NO. 383  
AMARILLO, TEXAS  
27 MARCH 1982  
1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0 0	17.7	1094.0	890.4	1.2	-0.3	130.0	9.3	-7.1	6.0	253.6	284.7	4.2	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 6	19.3	1234.1	875.0	0.6	-0.0	143.0	12.3	-7.4	9.8	233.2	284.0	4.1	97.1	0.3	318
1 4	21.9	1465.5	850.0	-1.8	-2.0	158.7	12.0	-4.7	11.0	284.6	284.6	3.9	98.2	0.9	322
2 2	24.5	1703.4	825.0	-1.9	-2.3	193.1	10.8	2.5	10.6	287.1	287.1	3.9	97.0	1.4	334
3 0	27.1	1948.5	800.0	-1.8	-2.2	229.7	10.4	7.9	10.6	289.3	300.3	4.1	96.7	1.8	349
4 0	29.8	2201.8	775.0	-1.6	-2.0	265.9	7.2	7.2	0.5	292.1	308.5	4.3	96.7	1.9	35
4 9	32.6	2483.9	750.0	-0.9	-2.0	297.6	4.4	3.9	-2.0	295.6	308.5	4.6	98.6	1.9	19
5 8	35.2	2734.4	725.0	-2.1	-2.6	317.1	4.5	2.3	-3.3	297.2	309.5	4.4	96.3	1.7	26
6 7	38.0	3012.7	700.0	-3.8	-4.3	325.6	4.0	2.3	-3.3	298.3	309.5	4.4	96.3	1.6	33
7 6	40.8	3200.3	675.0	-3.9	-4.4	315.5	5.5	3.9	-3.9	301.3	313.0	4.1	98.3	1.6	48
8 7	43.7	3397.6	650.0	-5.9	-7.4	300.2	7.0	6.1	-3.5	302.3	312.2	3.4	88.7	1.9	63
9 8	46.4	3594.1	625.0	-7.6	-10.1	295.5	8.2	7.4	-2.5	302.7	312.2	2.9	83.0	2.4	75
10 0	49.4	4221.4	600.0	-9.6	-14.1	287.6	9.7	9.3	-2.9	305.1	311.5	2.1	83.2	3.1	82
11 3	52.4	4549.3	575.0	-11.7	-16.9	283.2	10.8	10.5	-2.3	308.3	314.1	1.8	85.5	3.9	87
12 6	55.4	4889.1	550.0	-13.4	-18.6	283.1	11.5	11.2	-2.6	308.4	313.2	1.6	79.8	4.8	90
13 6	58.4	5242.1	525.0	-16.7	-19.3	283.1	12.9	12.6	-3.2	309.9	313.7	1.2	73.2	5.9	92
14 9	61.6	5607.3	500.0	-19.0	-22.5	286.3	14.1	13.9	-4.1	311.1	314.1	0.8	56.4	7.0	94
16 2	64.8	5987.5	475.0	-21.7	-28.1	298.3	13.5	11.9	-6.4	312.5	314.1	0.5	39.1	8.3	97
17 6	68.0	6383.6	450.0	-24.5	-34.4	298.3	11.7	8.7	-7.8	314.7	316.3	0.5	48.9	9.2	100
19 0	71.4	6798.4	425.0	-26.8	-38.1	311.6	11.9	8.5	-8.3	315.6	316.3	0.4	45.0	10.2	104
20 6	74.9	7232.7	400.0	-30.3	-38.1	314.3	11.9	8.5	-8.3	315.6	316.3	0.2	45.0	11.2	108
22 2	78.4	7688.0	375.0	-34.3	-44.8	298.0	11.5	15.1	-7.5	316.2	316.3	0.1	33.4	12.4	108
23 9	82.0	8167.0	350.0	-37.7	-50.6	298.0	16.8	15.1	-7.5	316.2	316.3	0.0	13.0	14.7	108
25 5	85.9	8675.0	325.0	-40.0	-57.6	282.7	31.4	30.6	-6.9	321.6	321.6	0.0	99.9	19.3	106
27 1	89.8	9221.8	300.0	-41.4	-59.9	279.2	41.5	41.0	-6.6	327.0	327.0	99.9	99.9	24.4	105
31 1	93.8	9806.8	275.0	-45.3	-66.4	279.8	42.5	43.6	-7.2	339.7	339.7	99.9	99.9	29.9	103
33 3	98.2	10439.2	250.0	-48.4	-74.9	276.7	43.9	44.5	-5.1	334.1	334.1	99.9	99.9	36.3	102
35 6	102.8	11127.1	225.0	-51.8	-83.9	280.5	45.3	39.6	-8.2	339.2	339.2	99.9	99.9	43.2	102
38 4	107.8	11890.2	200.0	-52.0	-89.9	280.5	40.5	35.9	-6.6	366.5	366.5	99.9	99.9	49.4	102
41 1	113.0	12757.2	175.0	-50.5	-99.9	280.7	38.5	35.9	-6.6	366.5	366.5	99.9	99.9	56.5	102
44 5	118.7	13756.0	150.0	-53.2	-99.9	280.7	33.9	33.3	-6.3	378.4	378.4	99.9	99.9	64.1	102
48 3	125.0	14922.3	125.0	-56.5	-99.9	278.0	30.5	30.2	-4.3	392.7	392.7	99.9	99.9	71.2	102
52 7	132.3	16335.2	100.0	-58.4	-99.9	284.1	24.2	23.5	-5.9	414.8	414.8	99.9	99.9	78.7	102
58 2	140.7	18129.6	75.0	-60.4	-99.9	298.9	17.5	15.3	-8.4	448.3	448.3	99.9	99.9	82.1	103
55 6	151.0	20668.4	50.0	-57.0	-99.9	351.3	7.6	1.2	-7.5	509.2	509.2	99.9	99.9	81.1	104
76 8	162.0	25106.1	25.0	-53.3	-99.9	99.9	99.9	99.9	99.9	631.5	631.5	99.9	99.9		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 383  
AMARILLO, TEXAS

27 MARCH 1982  
1700 GMT

151 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.6	1094.0	892.4	1.6	0.1	130.0	8.8	-6.7	5.7	233.9	255.3	4.3	90.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	19.4	1232.2	875.0	-0.2	-1.0	135.3	9.5	-6.7	6.8	283.5	294.3	4.1	94.8	0.4	319.
1.3	22.0	1484.0	850.0	-1.3	-1.8	137.2	9.4	-5.6	7.5	284.8	295.3	4.0	96.7	0.8	318.
2.3	24.6	1722.0	825.0	-1.8	-2.2	138.8	7.0	-0.4	7.0	286.7	297.3	3.9	96.7	1.3	324.
3.1	27.2	1967.2	800.0	-1.4	-1.9	139.8	5.5	4.0	3.7	289.7	301.0	4.2	96.7	1.5	323.
3.9	30.0	2220.5	775.0	-1.8	-2.3	140.1	3.5	3.4	-0.6	291.9	303.3	4.2	96.8	1.4	343.
4.9	32.7	2482.6	750.0	-0.2	-0.6	141.1	2.2	0.2	-2.2	295.4	309.8	4.7	96.9	1.3	346.
5.8	35.4	2754.1	725.0	-1.1	-1.6	142.5	2.9	-1.1	-2.7	298.4	311.4	4.9	96.7	1.2	342.
6.7	38.1	3033.4	700.0	-2.6	-5.9	143.4	6.4	0.3	-6.0	300.4	309.7	3.5	97.8	1.0	335.
7.9	41.0	3321.2	675.0	-4.7	-8.5	144.1	6.4	3.2	-5.5	302.5	312.1	3.0	97.4	0.5	355.
9.0	43.8	3617.6	650.0	-5.6	-7.6	144.1	6.8	6.2	-2.8	304.5	314.1	3.3	87.0	0.2	355.
9.0	46.6	3917.6	625.0	-7.6	-7.6	144.1	10.2	6.6	-8.3	306.6	316.7	2.3	87.2	0.5	106.
10.1	49.6	4217.6	600.0	-9.1	-17.9	144.1	10.2	6.6	-7.8	308.6	318.4	1.6	87.2	0.5	106.
11.4	52.5	4510.4	575.0	-10.6	-25.6	144.1	10.7	8.5	-7.5	310.4	320.4	1.2	87.2	0.5	106.
12.7	55.5	4804.4	550.0	-13.3	-25.6	144.1	12.0	8.5	-8.5	312.1	322.1	0.9	87.2	0.5	106.
13.9	58.6	5098.4	525.0	-15.3	-27.0	144.1	12.6	9.8	-9.4	314.1	324.1	0.8	87.2	0.5	106.
15.3	61.7	5392.4	500.0	-17.2	-33.0	144.1	14.4	11.9	-8.0	316.1	326.1	0.5	87.2	0.5	106.
16.6	64.9	5686.4	475.0	-19.7	-38.0	144.1	16.4	14.9	-6.7	318.1	328.1	0.3	87.2	0.5	106.
18.0	68.1	5980.4	450.0	-22.6	-38.2	144.1	16.7	15.5	-6.2	320.1	330.1	0.3	87.2	0.5	106.
19.5	71.4	6274.4	425.0	-26.1	-39.2	144.1	16.3	15.3	-5.4	322.1	332.1	0.2	87.2	0.5	106.
20.9	74.9	6568.4	400.0	-29.8	-42.5	144.1	15.4	14.3	-5.7	324.1	334.1	0.2	87.2	0.5	106.
22.4	78.4	6862.4	375.0	-34.1	-46.9	144.1	18.8	17.0	-8.0	326.1	336.1	0.1	87.2	0.5	106.
24.0	82.0	7156.4	350.0	-37.7	-50.7	144.1	18.8	17.0	-10.5	328.1	338.1	0.1	87.2	0.5	106.
25.6	85.9	7450.4	325.0	-37.0	-53.2	144.1	24.2	21.8	-10.5	330.1	340.1	0.1	87.2	0.5	106.
27.5	89.8	7744.4	300.0	-41.9	-59.9	144.1	31.4	30.9	-10.5	332.1	342.1	0.1	87.2	0.5	106.
29.6	94.0	8038.4	275.0	-45.7	-66.9	144.1	35.9	35.3	-8.7	334.1	344.1	0.1	87.2	0.5	106.
31.6	98.2	8332.4	250.0	-48.9	-73.9	144.1	39.8	38.1	-10.0	336.1	346.1	0.1	87.2	0.5	106.
33.8	102.8	8626.4	225.0	-51.1	-80.9	144.1	38.1	37.5	-10.0	338.1	348.1	0.1	87.2	0.5	106.
36.7	107.8	8920.4	200.0	-52.6	-87.9	144.1	36.4	36.1	-6.9	340.1	350.1	0.1	87.2	0.5	106.
38.7	112.8	9214.4	175.0	-51.9	-94.9	144.1	34.1	34.3	-4.0	342.1	352.1	0.1	87.2	0.5	106.
41.5	118.7	9508.4	150.0	-52.2	-99.9	144.1	32.0	32.0	-6.8	344.1	354.1	0.1	87.2	0.5	106.
44.6	124.7	9802.4	125.0	-54.5	-104.9	144.1	30.0	30.0	-3.9	346.1	356.1	0.1	87.2	0.5	106.
48.3	132.0	10096.4	100.0	-56.8	-111.9	144.1	28.0	28.0	-3.6	348.1	358.1	0.1	87.2	0.5	106.
52.5	140.7	10390.4	75.0	-60.0	-118.9	144.1	26.0	26.0	-5.8	350.1	360.1	0.1	87.2	0.5	106.
58.1	150.3	10684.4	50.0	-54.3	-125.9	144.1	24.0	24.0	-1.8	352.1	362.1	0.1	87.2	0.5	106.
65.3	161.3	10978.4	25.0	-49.5	-132.9	144.1	22.0	22.0	99.9	354.1	364.1	0.1	87.2	0.5	106.
76.8	181.3	11272.4	25.0	-49.5	-132.9	144.1	20.0	20.0	99.9	356.1	366.1	0.1	87.2	0.5	106.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 323  
AMARILLO, TEXAS  
27 MARCH 1982  
2000 GMT

ORIGINAL PAGE IS  
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TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.9	1094.0	892.0	1.0	-0.5	130.0	7.2	-5.5	4.6	283.2	294.0	4.1	89.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	18.7	1257.8	875.0	-0.2	-0.5	123.0	8.1	-8.8	4.4	283.6	294.7	4.2	97.8	0.4	312.
1.5	21.3	1489.4	850.0	-1.3	-1.0	137.8	8.3	-5.6	5.0	284.8	295.5	4.0	98.2	0.8	309.
2.2	25.9	1727.8	825.0	-0.7	-1.0	179.2	5.0	-0.1	5.0	287.9	299.5	4.3	97.5	1.1	315.
3.0	28.5	1974.2	800.0	-0.5	-0.8	290.9	1.9	1.8	-0.7	290.5	304.5	4.4	98.3	1.1	320.
3.9	29.1	2227.8	775.0	-0.8	-1.4	14.4	2.7	-0.7	-2.6	292.5	309.0	4.8	98.4	1.0	316.
4.8	31.8	2489.9	750.0	-0.8	-0.8	328.7	2.2	1.2	-1.8	295.8	309.0	4.8	99.8	0.9	310.
5.7	34.4	2780.5	725.0	-1.8	-2.8	281.5	2.5	2.4	-0.9	297.5	309.5	3.2	93.2	0.9	312.
6.7	37.2	3039.7	700.0	-1.5	-7.1	255.0	6.1	5.5	-2.7	309.8	309.5	3.0	70.6	0.6	317.
7.6	39.9	3327.6	675.0	-4.3	-8.5	284.1	7.5	7.4	-1.2	300.9	308.5	2.1	56.4	0.5	30.
8.6	42.8	3624.1	650.0	-6.0	-13.3	284.1	8.4	8.1	-2.0	302.2	308.5	2.1	50.4	1.0	86.
9.7	45.6	3931.1	625.0	-7.1	-15.6	281.9	9.8	9.2	-2.8	304.4	309.9	1.5	47.8	1.7	95.
10.9	48.8	4248.5	600.0	-8.9	-18.0	292.3	10.8	10.0	-4.0	305.8	310.8	1.2	39.4	2.5	104.
12.1	51.5	4577.1	575.0	-10.2	-21.9	292.3	12.6	11.8	-4.8	307.4	312.4	0.3	24.1	3.5	107.
13.3	54.5	4917.9	550.0	-12.3	-24.9	294.1	14.8	13.3	-5.9	309.5	313.5	0.7	21.6	4.6	108.
14.5	57.5	5272.1	525.0	-14.4	-27.6	294.9	15.9	14.4	-6.7	311.1	313.5	0.5	25.7	5.7	109.
15.7	60.6	5640.0	500.0	-17.1	-31.7	292.5	15.5	14.3	-5.9	312.1	313.5	0.4	24.2	6.9	109.
17.1	63.9	6022.5	475.0	-20.0	-35.2	281.4	18.2	15.0	-5.9	314.6	315.8	0.2	21.5	8.3	109.
18.5	67.1	6421.4	450.0	-22.6	-38.6	280.3	18.8	15.7	-5.8	316.7	317.5	0.2	20.7	9.8	109.
19.9	70.4	6838.8	425.0	-25.2	-41.2	283.3	17.9	16.4	-7.1	318.7	318.0	0.2	21.8	11.3	110.
21.3	73.9	7275.3	400.0	-29.0	-46.8	285.2	18.8	16.9	-8.3	319.2	319.7	0.1	21.3	13.0	111.
22.8	77.4	7734.1	375.0	-32.1	-49.9	284.7	18.2	16.5	-7.6	321.6	322.0	0.1	19.9	14.8	111.
24.4	81.2	8218.0	350.0	-35.0	-52.8	285.0	22.8	21.6	-7.2	323.4	323.8	0.1	20.5	17.2	110.
25.9	85.0	8731.8	325.0	-38.6	-56.8	281.5	27.7	25.8	-6.5	325.5	325.9	99.9	99.9	20.5	102.
27.8	89.0	9278.6	300.0	-42.4	-60.8	281.5	32.6	30.0	-7.8	327.5	327.9	99.9	99.9	24.8	102.
29.8	93.2	9859.2	275.0	-46.8	-64.8	277.9	38.0	35.0	-5.2	330.7	330.9	99.9	99.9	29.6	107.
32.0	97.6	10486.2	250.0	-50.7	-68.7	277.9	38.0	37.7	-5.2	335.0	335.0	99.9	99.9	34.5	105.
34.1	102.0	11167.1	225.0	-53.8	-71.9	276.3	38.3	37.9	-5.7	338.0	338.0	99.9	99.9	40.3	104.
36.6	107.0	11921.9	200.0	-55.3	-75.3	276.3	39.2	39.0	-4.3	345.3	345.3	99.9	99.9	48.3	103.
39.3	112.2	12785.1	175.0	-51.5	-79.9	277.0	37.5	37.2	-4.6	364.9	364.9	99.9	99.9	53.2	103.
42.5	118.0	13778.6	150.0	-54.5	-84.5	277.3	36.1	35.8	-4.6	376.2	376.2	99.9	99.9	60.8	101.
46.1	124.2	14948.9	125.0	-58.3	-89.9	272.9	32.1	32.1	-1.6	396.9	396.9	99.9	99.9	68.3	101.
50.5	131.7	16369.9	100.0	-58.3	-99.9	277.6	24.6	24.4	-3.3	415.1	415.1	99.9	99.9	75.1	100.
58.0	139.7	18170.5	75.0	-58.1	-99.9	316.2	17.6	12.2	-12.7	449.6	449.6	99.9	99.9	78.7	100.
62.4	149.0	20722.0	50.0	-58.1	-99.9	195.9	8.0	2.2	7.7	511.4	511.4	99.9	99.9	78.7	100.
75.0	159.0	25187.7	25.0	-49.7	-99.9	232.4	7.4	7.1	2.1	641.7	641.7	99.9	99.9	78.7	100.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 383  
AMARILLO, TEXAS  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.5	1094.0	894.0	0.6	-0.5	120.0	7.2	-6.2	3.6	282.7	293.5	4.1	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	19.6	1266.1	875.0	-1.2	-1.6	128.6	7.3	-5.9	4.4	282.5	292.8	3.9	98.8	0.3	303.
1.4	22.2	1496.9	850.0	-2.7	-3.2	141.8	6.7	-4.1	5.2	283.3	292.8	3.6	96.5	0.6	308.
2.2	24.8	1734.0	825.0	-2.0	-2.4	175.2	4.7	-0.4	4.7	286.5	296.9	3.9	96.7	0.9	318.
3.0	27.4	1979.0	800.0	-2.1	-2.5	282.2	1.5	-0.4	-0.3	288.9	299.7	4.0	96.8	0.9	319.
3.8	30.1	2231.5	775.0	-2.4	-2.8	35.4	2.0	-1.2	-1.6	291.3	302.2	3.8	96.4	0.9	313.
4.8	32.5	2491.7	750.0	-3.5	-4.0	179.6	1.3	-0.0	-1.3	292.8	303.2	3.4	96.3	0.8	320.
5.7	35.7	2760.9	725.0	-2.8	-5.8	294.0	4.6	4.2	-1.9	296.4	306.0	2.3	55.1	0.5	326.
6.6	38.4	3038.7	700.0	-3.8	-11.5	314.9	7.4	5.2	-5.2	298.3	304.9	2.0	53.7	0.1	21.
7.6	41.2	3325.2	675.0	-5.4	-13.3	309.8	10.0	7.7	-6.4	299.6	305.9	1.4	39.9	0.6	119.
8.6	44.0	3620.6	650.0	-6.8	-17.9	305.8	9.7	7.8	-5.7	301.5	306.7	1.2	36.6	1.2	122.
9.5	46.9	3926.1	625.0	-8.3	-20.5	301.3	10.3	8.8	-5.3	303.0	308.3	0.8	29.5	1.9	119.
10.6	49.9	4241.9	600.0	-10.0	-28.1	289.0	12.4	11.7	-4.0	304.5	308.7	0.4	26.4	3.0	113.
11.9	52.6	4568.9	575.0	-11.8	-32.1	282.6	15.0	14.7	-3.3	305.2	308.4	0.5	18.5	4.1	111.
13.2	55.9	4907.5	550.0	-14.4	-37.4	285.7	16.2	15.6	-4.4	307.0	310.1	0.3	15.0	5.6	110.
14.7	59.0	5258.6	525.0	-16.7	-41.4	285.5	17.8	17.2	-4.8	308.4	310.1	0.2	13.2	7.2	109.
16.0	62.1	5624.1	500.0	-18.5	-46.6	286.3	20.1	19.3	-5.7	310.5	311.5	0.2	12.6	8.8	109.
17.3	65.3	6005.8	475.0	-20.3	-51.3	290.5	20.7	19.4	-6.3	312.8	313.6	0.2	12.6	10.5	109.
18.8	68.5	6404.0	450.0	-23.4	-54.3	288.8	19.7	18.7	-6.3	313.8	314.4	0.1	13.4	12.3	109.
20.2	71.9	6819.4	425.0	-26.6	-58.2	289.4	20.2	19.1	-6.7	314.9	315.4	0.1	13.3	14.1	109.
21.7	75.3	7254.2	400.0	-30.9	-63.2	287.7	20.1	19.1	-6.1	316.1	316.5	0.1	13.1	16.2	109.
23.5	79.0	7709.9	375.0	-33.9	-67.5	283.5	21.2	20.7	-4.9	317.7	317.0	0.1	13.1	18.6	108.
25.3	82.7	8191.5	350.0	-38.4	-74.6	284.7	24.8	24.0	-8.3	319.7	319.9	99.9	999.9	21.6	107.
27.1	86.5	8701.5	325.0	-43.9	-80.9	285.8	28.5	27.4	-7.8	321.7	321.7	99.9	999.9	25.1	107.
29.1	90.5	9243.8	300.0	-48.1	-86.9	283.3	30.5	29.7	-7.0	323.6	323.6	99.9	999.9	28.7	107.
31.0	94.8	9822.4	275.0	-52.6	-93.9	279.3	32.6	32.2	-5.3	325.6	325.6	99.9	999.9	33.0	107.
33.2	99.2	10444.6	250.0	-55.1	-99.9	273.8	35.4	35.3	-2.3	327.9	327.9	99.9	999.9	38.1	104.
35.6	103.8	11120.0	225.0	-54.9	-99.9	275.5	35.6	35.4	-3.4	334.0	334.0	99.9	999.9	43.9	102.
38.3	108.8	11869.1	200.0	-53.4	-99.9	272.9	36.5	36.5	-1.9	345.8	345.8	99.9	999.9	50.2	101.
41.2	114.0	12726.7	175.0	-53.4	-99.9	273.6	33.5	33.4	-2.1	361.8	361.8	99.9	999.9	58.7	101.
44.6	119.7	13715.4	150.0	-55.6	-99.9	270.8	31.6	31.8	-0.3	374.3	374.3	99.9	999.9	64.0	99.
48.7	126.3	14879.7	125.0	-58.5	-99.9	272.0	22.1	21.7	-1.1	392.7	392.7	99.9	999.9	71.8	99.
53.3	133.7	16280.7	100.0	-60.0	-99.9	281.9	15.9	15.7	-2.4	444.3	444.3	99.9	999.9	78.7	99.
59.1	142.3	18080.5	75.0	-61.4	-99.9	278.5	5.7	5.6	-0.1	504.1	504.1	99.9	999.9	82.9	99.
67.3	152.5	20593.5	50.0	-59.2	-99.9	271.4	6.3	6.2	-0.1	633.9	633.9	99.9	999.9	83.0	100.
79.7	183.5	25021.4	25.0	-52.5	-99.9	259.0			1.2						

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 283  
AMARILLO, TEXAS  
28 MARCH 1982  
200 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.0	1094.0	895.4	-1.7	-1.7	130.0	7.7	-5.9	4.9	280.2	290.0	3.8	100.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	19.1	1278.1	875.0	-1.5	-1.7	130.5	7.8	-5.9	5.1	282.3	292.4	3.9	98.2	0.4	315.
1.5	21.7	1508.7	850.0	-2.8	-3.2	138.3	7.2	-4.8	5.4	283.2	292.6	3.9	97.2	0.8	313.
2.4	24.2	1745.8	825.0	-1.7	-2.1	148.2	3.6	-1.9	3.0	285.8	297.5	4.0	96.7	1.1	317.
3.2	26.8	1991.3	800.0	-1.4	-1.8	173.6	1.0	-1.0	0.3	289.7	301.1	4.2	96.8	1.2	317.
4.1	29.4	2244.5	775.0	-2.4	-2.8	173.6	1.0	-1.0	0.3	291.3	302.3	4.0	96.9	1.2	318.
5.0	32.1	2504.8	750.0	-2.2	-3.0	282.4	3.6	3.5	-0.8	294.2	305.6	4.1	94.6	1.2	319.
6.0	34.8	2774.4	725.0	-2.4	-11.2	311.3	7.5	5.6	-5.0	296.8	303.3	2.2	50.6	0.9	325.
6.9	37.4	3052.8	700.0	-3.3	-16.2	318.7	10.7	7.1	-8.0	298.8	303.5	1.5	38.4	0.4	336.
8.0	40.3	3339.4	675.0	-4.8	-22.2	310.7	12.5	9.5	-8.1	300.3	304.8	1.5	38.4	0.4	336.
8.0	43.0	3635.1	650.0	-6.7	-22.2	310.7	11.7	8.8	-7.6	301.4	304.4	1.0	27.8	1.1	126.
9.0	45.8	3941.1	625.0	-7.4	-18.3	305.8	12.1	9.8	-7.1	304.0	308.4	1.4	27.8	1.1	126.
10.0	48.7	4257.9	600.0	-9.4	-21.2	305.8	13.1	10.8	-7.8	305.2	308.8	1.2	27.8	1.1	126.
11.2	51.5	4585.3	575.0	-12.2	-22.2	307.7	14.4	11.4	-8.8	305.8	309.2	1.1	27.8	1.1	126.
12.3	54.5	4924.0	550.0	-14.3	-29.0	309.4	14.9	11.5	-9.5	307.2	309.2	0.6	27.2	3.7	126.
13.5	57.5	5275.1	525.0	-16.7	-29.8	310.0	15.4	11.8	-9.5	308.4	310.4	0.6	27.2	3.7	126.
14.7	60.6	5641.1	500.0	-19.3	-39.0	304.1	16.9	14.0	-9.5	311.6	312.5	0.3	27.2	3.7	126.
16.0	63.9	6024.2	475.0	-22.9	-42.1	298.5	18.4	16.2	-8.8	314.8	314.8	0.2	27.2	3.7	126.
17.3	67.1	6423.6	450.0	-26.7	-47.1	298.1	17.9	15.8	-8.5	314.8	315.0	0.2	27.2	3.7	126.
18.8	70.4	6839.4	425.0	-30.8	-50.1	303.8	17.4	14.5	-8.4	314.8	315.3	0.1	27.2	3.7	126.
20.2	73.9	7273.3	400.0	-34.6	-53.1	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
21.7	77.3	7727.9	375.0	-37.7	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
23.4	81.0	8206.8	350.0	-41.8	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
25.2	84.7	8713.9	325.0	-45.7	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
27.0	88.7	9251.9	300.0	-49.7	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
29.2	92.7	9826.3	275.0	-53.8	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
31.3	97.2	10444.1	250.0	-58.0	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
33.7	101.8	11116.3	225.0	-55.1	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
36.3	106.6	11866.7	200.0	-55.1	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
39.0	112.0	12721.7	175.0	-55.1	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
42.3	117.7	13708.4	150.0	-55.7	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
46.1	124.2	14871.5	125.0	-57.2	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
50.4	131.7	16287.8	100.0	-60.5	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
55.5	140.3	18044.5	75.0	-60.8	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
61.8	150.7	20561.3	50.0	-60.5	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
70.1	162.5	24956.8	25.0	-53.5	-55.9	299.8	17.9	15.5	-8.9	315.0	315.3	0.1	27.2	3.7	126.
83.8															

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 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 363 AMARILLO, TEXAS													
28 MARCH 1962 500 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT
0 0	17.7	1094.0	886.2	-1.1	-1.1	130.0	8.2	-6.3	-5.3	280.7	291.0	3.9	100.0
0 1	17.7	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 8	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 9	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 0	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 1	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 8	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1 9	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 0	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 1	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 8	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 9	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 0	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 1	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 8	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3 9	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 0	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 1	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 8	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4 9	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 0	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 1	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 8	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5 9	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 0	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 1	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 2	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 3	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 4	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 5	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 6	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 7	17.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 363  
AMARILLO, TEXAS  
28 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.4	1094.0	896.0	-1.1	-1.1	190.0	6.2	1.1	6.1	280.7	291.0	3.9	100.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	19.6	1283.2	875.0	-2.1	-2.5	195.7	7.9	2.1	7.6	281.8	291.2	3.6	98.6	0.3	13.0
1.4	22.1	1513.2	850.0	-3.2	-3.9	200.0	9.6	3.3	9.0	282.8	291.8	3.4	95.2	0.7	18.0
2.3	24.6	1750.0	825.0	-4.0	-4.0	202.7	9.8	3.8	9.1	285.1	294.4	3.4	94.8	1.2	20.0
3.1	27.2	1993.6	800.0	-2.6	-3.3	214.3	6.9	3.9	5.7	288.4	298.5	3.8	94.9	1.6	20.0
4.1	29.9	2248.5	775.0	0.3	-5.9	241.6	8.9	6.0	3.3	293.5	302.6	3.2	86.1	1.9	24.0
5.0	32.6	2509.3	750.0	0.0	-9.8	268.8	10.2	10.1	2.0	298.6	307.3	2.4	47.6	2.3	34.0
5.9	35.3	2780.9	725.0	-0.6	-8.2	289.4	10.9	10.9	0.1	298.8	307.3	2.8	56.2	2.3	44.0
6.8	38.1	3060.5	700.0	-2.4	-10.0	295.5	11.3	11.3	-0.1	300.7	308.0	2.5	55.7	3.1	53.0
7.9	40.9	3348.4	675.0	-4.4	-10.8	272.7	12.6	12.5	-0.6	307.3	307.3	2.0	60.7	3.7	60.0
8.9	43.7	3644.7	650.0	-6.7	-13.9	275.9	12.8	12.7	-1.3	301.4	307.3	2.0	58.5	4.4	66.0
9.9	46.6	3949.6	625.0	-9.2	-16.6	278.1	12.1	12.0	-1.7	302.0	307.0	1.7	55.1	5.1	71.0
11.0	49.5	4284.1	600.0	-11.4	-24.7	274.9	9.8	9.8	-0.8	302.9	305.6	0.9	32.7	5.8	74.0
12.2	52.4	4590.1	575.0	-11.5	-35.6	281.7	10.3	10.1	-2.1	306.5	307.5	0.3	11.4	6.4	76.0
13.4	55.5	4930.6	550.0	-12.5	-35.7	284.1	11.9	10.8	-4.9	309.3	310.4	0.3	12.3	7.1	80.0
14.6	58.6	5284.1	525.0	-15.0	-38.9	286.0	11.3	10.1	-4.9	310.4	311.4	0.3	13.4	7.8	84.0
15.9	61.8	5651.4	500.0	-17.5	-39.6	290.8	10.4	9.7	-3.7	311.7	312.5	0.2	12.5	8.5	88.0
17.2	65.0	6032.9	475.0	-20.6	-42.3	285.5	9.1	8.8	-2.4	312.5	313.1	0.2	12.2	9.2	89.0
18.5	68.1	6430.9	450.0	-23.6	-44.9	283.1	9.8	9.5	-2.2	313.6	314.1	0.1	11.9	9.9	91.0
20.0	71.6	6846.2	425.0	-26.5	-47.3	292.4	11.4	10.5	-4.3	315.1	315.6	0.1	12.0	10.8	93.0
21.4	75.0	7281.8	400.0	-29.4	-49.6	302.0	13.5	11.5	-7.2	316.8	317.2	0.1	12.1	11.7	93.0
23.0	78.8	7739.2	375.0	-33.0	-52.5	308.0	15.7	12.4	-9.7	317.9	318.2	0.1	12.4	12.9	96.0
24.7	82.3	8221.0	350.0	-38.7	-55.3	314.2	17.3	12.4	-12.0	319.3	319.5	0.1	12.4	13.3	100.0
26.6	86.0	8729.5	325.0	-40.6	-59.9	314.2	18.4	13.2	-12.8	320.4	320.9	99.9	99.9	14.0	104.0
28.6	90.0	9269.3	300.0	-45.4	-59.9	312.7	20.9	15.3	-14.2	321.4	321.4	99.9	99.9	18.1	108.0
30.7	94.2	9844.9	275.0	-49.5	-59.9	314.0	20.0	14.4	-13.9	323.5	323.5	99.9	99.9	20.5	111.0
32.8	98.5	10481.9	250.0	-54.8	-59.9	313.6	21.5	15.6	-14.8	324.7	324.7	99.9	99.9	22.8	113.0
34.9	103.2	11128.1	225.0	-59.4	-59.9	301.3	29.0	24.6	-15.1	327.6	327.6	99.9	99.9	25.6	115.0
37.4	108.2	11864.0	200.0	-59.2	-59.9	293.0	33.7	31.0	-13.2	339.0	339.0	99.9	99.9	31.0	115.0
40.1	113.5	12707.5	175.0	-57.3	-59.9	283.0	25.4	25.0	-4.4	355.3	355.3	99.9	99.9	35.3	115.0
42.9	119.2	13678.8	150.0	-58.4	-59.9	273.0	28.4	28.3	-1.5	369.5	369.5	99.9	99.9	37.7	112.0
46.7	125.7	14824.5	125.0	-59.0	-59.9	263.8	26.8	26.6	-1.8	381.1	381.1	99.9	99.9	42.7	110.0
50.7	133.0	16219.2	100.0	-60.2	-59.9	256.5	25.1	24.9	-2.8	411.5	411.5	99.9	99.9	51.5	108.0
55.3	141.5	18000.5	75.0	-62.5	-59.9	249.9	19.1	19.0	-1.6	442.0	442.0	99.9	99.9	57.8	106.0
62.0	151.3	20519.1	50.0	-58.5	-59.9	240.0	4.3	4.3	0.8	505.7	505.7	99.9	99.9	61.7	106.0
73.3	162.0	24911.2	25.0	-53.4	-59.9	232.5	3.2	3.0	-1.2	631.2	631.2	99.9	99.9	62.2	105.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 385  
ALBUQUERQUE, NEW MEXICO  
27 MARCH 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.2	1819.0	833.8	3.0	0.6	250.0	3.1	2.9	1.1	290.9	303.8	4.8	64.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.1	1705.5	825.0	5.1	-0.9	306.9	4.1	3.3	-2.5	294.0	306.0	4.3	64.8	0.1	88.
1.2	25.6	1956.7	800.0	3.9	-2.9	300.5	8.3	7.1	-4.2	295.3	306.1	3.9	60.9	0.4	109.
2.0	28.1	2214.1	775.0	0.2	-4.3	288.2	12.6	11.1	-6.0	288.2	306.3	3.6	82.3	0.9	114.
2.8	30.7	2478.1	750.0	-0.2	-4.5	301.9	15.3	13.0	-8.1	286.4	306.7	3.7	72.7	1.5	117.
3.6	33.3	2748.7	725.0	-2.3	-5.2	308.8	15.6	12.2	-9.8	287.0	307.1	3.2	80.0	2.3	119.
4.4	36.1	3026.8	700.0	-3.8	-6.5	316.4	14.1	9.8	-10.2	288.3	307.5	3.2	78.4	3.1	123.
5.3	38.8	3313.6	675.0	-5.6	-8.5	313.9	13.5	10.0	-9.6	289.4	308.0	3.0	79.4	3.8	126.
6.3	41.7	3808.6	650.0	-7.9	-9.4	306.5	13.9	10.9	-8.0	300.0	308.4	2.9	89.5	4.6	128.
7.4	44.6	3913.4	625.0	-8.5	-17.1	305.7	14.8	12.0	-8.6	302.7	310.0	1.8	50.4	5.5	126.
8.4	47.5	4228.9	600.0	-12.0	-19.0	299.9	16.2	14.0	-8.1	305.9	310.5	1.5	74.8	6.4	126.
9.6	50.6	4555.4	575.0	-14.1	-23.2	297.5	16.8	14.9	-7.8	307.4	310.7	1.1	58.1	7.5	124.
11.0	53.8	4894.4	550.0	-15.9	-28.5	305.8	15.0	12.2	-8.8	309.3	311.6	0.7	45.9	8.9	124.
12.2	57.0	5246.1	525.0	-18.6	-30.9	318.2	15.0	10.0	-11.2	310.4	312.3	0.5	32.7	10.0	124.
13.7	60.4	5612.2	500.0	-21.6	-32.9	321.4	13.3	8.3	-10.4	311.0	312.6	0.5	32.6	11.2	125.
15.0	63.9	5992.4	475.0	-24.3	-37.1	320.2	12.0	7.7	-9.3	312.7	313.9	0.3	29.5	12.4	126.
16.3	67.5	6388.9	450.0	-26.7	-41.6	311.7	17.7	13.2	-11.8	314.8	315.6	0.2	22.9	13.5	127.
17.8	71.3	6803.4	425.0	-28.5	-45.3	297.2	27.2	24.1	-12.4	318.0	318.6	0.2	18.9	16.5	128.
19.3	75.2	7239.6	400.0	-30.8	-47.7	290.4	33.2	31.2	-11.6	320.9	321.4	0.1	17.0	19.6	125.
21.0	79.2	7700.9	375.0	-34.4	-50.8	284.1	37.8	29.8	-9.7	322.3	322.7	0.1	17.1	23.4	123.
22.0	83.3	8187.2	350.0	-36.0	-53.7	284.2	34.4	32.3	-8.4	324.3	324.6	0.1	17.1	27.8	120.
23.7	87.8	8701.1	325.0	-41.8	-57.9	281.0	37.8	32.3	-7.2	326.5	326.9	99.9	99.9	32.7	117.
25.3	92.4	9248.3	300.0	-46.6	-60.9	278.9	40.4	32.1	-6.3	327.8	327.9	99.9	99.9	37.7	115.
27.9	97.4	9831.4	275.0	-50.8	-66.9	274.6	43.1	39.9	-3.5	330.5	330.9	99.9	99.9	42.9	113.
32.2	108.2	1137.7	225.0	-53.6	-73.2	273.2	49.7*	42.9	-2.8	336.4	336.9	99.9	99.9	51.7	109.
35.3	114.0	11893.8	200.0	-54.8	-77.3	274.3	49.4*	49.3	-3.7	346.3	346.9	99.9	99.9	60.5	107.
38.4	120.2	12747.7	175.0	-58.1	-81.9	277.3	45.9*	45.5	-5.9	357.0	357.3	99.9	99.9	79.1	104.
41.5	127.0	13723.6	150.0	-58.1	-81.9	277.3	35.1*	35.0	-2.3	367.2	367.9	99.9	99.9	88.8	103.
45.4	134.0	14871.6	125.0	-58.5	-81.9	269.4	27.9*	27.9	0.3	415.0	415.0	99.9	99.9	95.8	102.
49.9	141.3	16259.7	100.0	-58.4	-81.9	265.8	24.4*	24.4	1.0	437.1	437.1	99.9	99.9	101.1	101.
55.1	149.3	18050.4	75.0	-59.4	-81.9	265.8	12.3*	12.2	-0.9	503.7	503.7	99.9	99.9	104.5	101.
61.1	157.3	20547.9	50.0	-59.4	-81.9	330.8	6.1*	3.0	-5.3	630.1	630.1	99.9	99.9	103.0	102.
69.1	166.0	24935.6	25.0	-53.8	-81.9	101.8	0.6	-0.6	0.1			99.9	99.9		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 385  
ALBUQUERQUE, NEW MEXICO  
27 MARCH 1982  
1415 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	22.0	1819.0	835.5	4.5	1.9	180.0	3.1	-1.1	2.9	292.3	306.5	5.3	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.1	1723.3	825.0	4.9	0.1	99.9	99.9	99.9	99.9	293.8	306.6	4.7	71.1	99.9	99.9
1.2	25.7	1973.2	800.0	3.7	-0.9	99.9	99.9	99.9	99.9	295.1	307.5	4.5	72.3	99.9	99.9
2.1	28.2	2230.5	775.0	1.8	-1.5	99.9	99.9	99.9	99.9	295.8	308.1	4.4	78.7	99.9	99.9
2.9	30.8	2494.2	750.0	-0.4	-1.6	99.9	99.9	99.9	99.9	296.2	308.8	4.6	91.8	99.9	99.9
3.8	33.4	2764.8	725.0	-2.2	-2.8	328.4	13.6	7.1	-11.8	297.0	309.1	4.3	96.1	0.9	147.
4.8	36.2	3043.5	700.0	-3.0	-5.1	327.5	13.1	7.0	-11.0	297.1	309.6	3.8	98.1	1.6	148.
5.7	39.0	3330.7	675.0	-7.3	-9.4	328.1	11.4	6.0	-9.7	299.5	309.7	2.8	85.9	2.4	147.
6.6	41.8	3625.3	650.0	-7.3	-9.4	328.1	11.4	6.0	-9.7	299.5	309.7	2.8	85.9	2.4	147.
7.7	44.8	3932.8	625.0	-8.1	-14.2	317.0	13.0	8.9	-9.5	300.7	309.1	2.0	84.9	3.6	148.
8.9	47.7	4250.9	600.0	-8.1	-17.7	311.3	14.0	10.5	-9.2	308.7	311.3	1.8	46.0	4.4	147.
10.1	50.8	4580.3	575.0	-9.9	-20.3	309.1	12.5	9.7	-7.9	308.4	312.5	1.3	42.1	5.4	142.
11.4	53.9	4922.7	550.0	-11.0	-24.1	313.0	9.7	7.1	-6.6	311.0	314.2	1.0	32.9	7.2	141.
12.7	57.3	5278.9	525.0	-13.0	-27.8	320.9	8.3	5.2	-6.4	312.6	315.2	0.7	27.4	7.9	140.
14.2	60.7	5649.0	500.0	-15.7	-30.9	319.3	9.0	5.9	-6.8	313.9	315.8	0.5	25.2	8.6	140.
15.6	64.1	6033.3	475.0	-19.0	-34.0	319.8	9.8	6.3	-7.5	314.4	315.9	0.4	25.2	9.4	140.
17.0	67.7	6433.2	450.0	-22.5	-37.3	317.5	10.4	7.0	-7.7	315.0	316.2	0.3	24.3	10.3	140.
18.6	71.4	6850.2	425.0	-25.7	-40.0	308.0	13.9	11.0	-8.6	316.1	317.1	0.3	24.6	11.4	140.
20.0	75.3	7288.5	400.0	-27.2	-41.8	295.6	20.0	18.1	-8.6	319.7	320.5	0.3	23.3	12.8	137.
21.7	79.5	7759.8	375.0	-31.1	-45.1	291.8	23.4	21.8	-8.6	320.4	321.6	0.2	23.7	14.8	134.
23.4	83.7	8234.5	350.0	-35.3	-48.4	285.7	23.3	22.4	-6.3	321.1	321.6	0.1	24.5	17.1	130.
25.6	88.2	8748.9	325.0	-38.5	-51.2	283.0	24.4	23.8	-5.5	323.6	324.0	0.1	24.6	19.8	126.
28.1	92.8	9292.9	300.0	-42.2	-59.9	281.3	28.5	28.4	-5.7	325.9	325.9	99.9	99.9	21.4	123.
30.3	97.8	9875.6	275.0	-46.6	-66.6	279.2	33.8	33.4	-5.4	327.8	327.8	99.9	99.9	27.5	119.
32.8	103.0	10502.2	250.0	-50.5	-74.4	277.1	35.9	35.6	-4.5	331.1	331.1	99.9	99.9	31.9	116.
35.8	108.5	11182.2	225.0	-54.4	-80.9	274.4	39.5	39.4	-3.0	335.2	335.2	99.9	99.9	36.2	112.
38.7	114.5	11937.3	200.0	-58.6	-88.9	271.3	42.0	42.0	-1.7	347.9	347.9	99.9	99.9	40.5	109.
41.6	120.5	12780.3	175.0	-53.5	-99.9	271.9	39.6	39.5	-1.3	361.6	361.6	99.9	99.9	45.7	107.
45.4	127.0	13784.4	150.0	-56.1	-99.9	271.1	40.1	40.1	-0.8	373.5	373.5	99.9	99.9	51.7	103.
50.1	134.2	14947.4	125.0	-53.3	-99.9	273.9	31.2	31.1	-2.1	393.0	393.0	99.9	99.9	71.1	103.
54.6	141.7	16352.7	100.0	-60.2	-99.9	266.9	21.8	21.8	1.2	411.5	411.5	99.9	99.9	78.1	102.
59.5	149.7	18134.2	75.0	-61.7	-99.9	254.0	16.1	15.5	4.4	443.5	443.5	99.9	99.9	85.6	101.
69.8	157.7	20670.5	50.0	-57.8	-99.9	314.0	3.9	2.8	-2.7	507.3	507.3	99.9	99.9	87.9	100.
82.2	166.0	25106.7	25.0	-51.8	-99.9	99.9	99.9	99.9	99.9	635.7	635.7	99.9	99.9	86.6	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 365  
ALBUQUERQUE, NEW MEXICO

27 MARCH 1982  
1715 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0	22.2	1619.0	836.9	11.1	2.7	270.0	4.1	4.1	0.0	299.1	314.5	5.6	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	23.4	1738.0	835.0	8.1	-0.2	251.3	1.7	1.7	0.6	297.2	309.9	4.6	55.8	0.1	98.
1.3	25.9	1990.9	800.0	5.5	-0.3	276.2	3.6	3.6	-0.4	297.1	310.1	4.7	56.1	0.2	94.
2.3	28.4	2249.8	775.0	3.2	-0.9	326.6	4.9	4.9	-1.9	297.4	310.3	4.3	73.1	0.5	99.
3.3	31.0	2515.0	725.0	1.5	-2.4	336.6	7.1	4.8	-5.1	298.3	309.7	3.9	74.9	0.9	111.
4.1	33.7	2787.5	700.0	-0.8	-4.0	327.9	7.8	4.1	-6.6	298.6	309.2	3.9	78.9	1.2	120.
5.1	36.3	3066.9	675.0	-2.9	-4.8	342.4	6.3	1.9	-8.0	299.2	309.3	2.9	80.3	1.6	128.
6.2	39.2	3354.4	650.0	-4.3	-8.9	342.4	7.0	2.1	-8.2	300.9	309.3	2.5	83.3	1.9	136.
7.2	42.0	3651.4	625.0	-5.1	-11.4	347.3	8.4	1.9	-6.1	303.2	310.5	2.5	85.2	2.3	141.
8.4	44.9	3959.7	600.0	-7.2	-15.6	337.2	6.6	2.6	-6.1	305.9	311.4	1.8	87.1	2.9	146.
9.6	47.9	4278.8	575.0	-9.3	-18.3	328.9	7.2	3.7	-6.9	307.6	312.2	1.5	89.1	3.3	147.
11.0	51.0	4609.2	550.0	-11.0	-22.1	321.8	8.8	5.4	-5.8	309.2	313.8	0.8	91.1	4.0	147.
12.2	54.0	4951.9	525.0	-13.4	-26.0	308.4	9.3	7.3	-5.8	311.1	314.6	0.7	93.1	4.6	147.
13.4	57.4	5307.9	500.0	-15.8	-28.5	290.9	11.0	9.4	-5.8	312.4	315.6	0.5	95.1	5.3	142.
14.9	60.7	5677.6	475.0	-18.8	-31.2	288.4	12.7	11.2	-6.0	313.7	316.8	0.5	97.1	6.0	139.
16.3	64.2	6062.1	450.0	-22.5	-33.9	292.4	12.3	11.4	-4.9	314.9	318.2	0.4	99.1	6.7	135.
17.7	68.0	6461.9	425.0	-25.8	-36.9	291.5	14.8	13.8	-4.7	316.2	319.1	0.3	101.1	7.3	132.
19.2	71.7	6878.9	400.0	-28.3	-39.6	285.9	17.3	16.6	-5.4	318.2	319.1	0.2	103.1	8.0	127.
20.9	75.6	7315.9	375.0	-31.7	-41.9	278.5	19.6	19.4	-4.7	319.6	320.3	0.2	105.1	8.7	123.
22.9	79.7	7775.7	350.0	-35.0	-44.9	273.0	23.0	23.0	-2.9	321.5	322.1	0.1	107.1	9.4	118.
24.9	83.8	8260.3	325.0	-38.0	-47.7	265.9	26.9	26.9	-1.8	323.7	324.7	0.1	109.1	10.1	114.
26.9	88.2	8774.4	300.0	-42.3	-50.7	255.9	29.9	29.9	-1.7	325.8	325.8	99.9	111.1	10.8	110.
28.7	92.8	9320.7	275.0	-46.8	-53.9	270.0	32.9	32.9	-1.7	327.4	327.4	99.9	113.1	11.5	108.
30.6	97.8	9803.0	250.0	-51.2	-56.9	273.3	35.9	35.9	-1.3	329.9	329.9	99.9	115.1	12.2	106.
32.8	102.8	10288.9	225.0	-54.9	-59.9	272.4	38.7	38.7	-2.0	332.4	332.4	99.9	117.1	13.0	104.
35.4	108.5	11207.3	200.0	-58.8	-62.9	270.1	41.7	41.7	-2.0	334.9	334.9	99.9	119.1	13.8	102.
37.9	114.2	11958.4	175.0	-52.8	-65.9	267.2	44.7	44.7	-2.0	337.4	337.4	99.9	121.1	14.6	100.
41.1	120.5	12818.7	150.0	-54.1	-68.9	264.3	47.7	47.7	-2.0	340.0	340.0	99.9	123.1	15.4	98.
44.9	127.2	13870.2	125.0	-55.6	-71.9	261.4	50.7	50.7	-2.0	342.5	342.5	99.9	125.1	16.2	97.
49.3	134.2	14975.1	100.0	-57.7	-74.9	258.5	53.7	53.7	-2.0	345.0	345.0	99.9	127.1	17.0	96.
53.9	141.7	16384.3	75.0	-59.7	-77.9	255.6	56.7	56.7	-2.0	347.5	347.5	99.9	129.1	17.8	95.
60.0	149.7	18188.1	50.0	-61.7	-80.9	252.7	59.7	59.7	-2.0	350.0	350.0	99.9	131.1	18.6	95.
67.7	157.5	20722.2	25.0	-63.7	-83.9	249.8	62.7	62.7	-2.0	352.5	352.5	99.9	133.1	19.4	95.
80.3	166.0	25182.9	25.0	-65.7	-86.9	246.9	65.7	65.7	-2.0	355.0	355.0	99.9	135.1	20.2	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

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STATION NO. 385  
ALBUQUERQUE, NEW MEXICO  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.1	1819.0	826.2	12.2	2.6	350.0	2.1	0.4	-2.1	300.3	315.8	5.6	52.0	0.0	0.0
0.9	28.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	25.3	1731.7	825.0	10.5	-0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	28.0	1987.0	800.0	8.2	-0.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.8	30.8	2248.5	775.0	5.8	-0.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.7	33.6	2516.1	750.0	3.4	-1.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	36.3	2790.2	725.0	1.1	-1.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.4	39.1	3071.5	700.0	-1.3	-2.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.4	42.1	3360.5	675.0	-3.9	-5.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.4	45.0	3657.4	650.0	-6.3	-8.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.3	47.9	3963.6	625.0	-7.6	-19.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
8.4	50.9	4282.2	600.0	-8.1	-22.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.6	53.9	4614.0	575.0	-10.3	-24.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.9	57.0	4957.7	550.0	-12.5	-25.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.2	60.1	5314.0	525.0	-16.5	-29.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.5	63.3	5683.1	500.0	-19.6	-32.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.1	66.5	6068.6	475.0	-22.7	-36.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.1	69.8	6465.7	450.0	-26.2	-39.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.1	73.1	6882.1	425.0	-29.7	-42.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.7	76.7	7317.6	400.0	-32.4	-45.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.2	80.1	7775.2	375.0	-36.1	-47.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.6	83.9	8257.6	350.0	-39.5	-50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24.7	87.8	8768.9	325.0	-42.9	-56.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.2	91.6	9312.5	300.0	-47.0	-61.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29.4	95.7	9893.9	275.0	-51.7	-67.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.7	100.0	10518.9	250.0	-55.2	-73.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.1	104.5	11196.6	225.0	-58.4	-79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	109.2	11948.2	200.0	-61.9	-85.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	114.4	12809.5	175.0	-64.9	-91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.4	119.8	13806.1	150.0	-67.9	-97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.5	126.0	14973.6	125.0	-70.9	-103.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.1	132.7	16382.3	100.0	-73.9	-109.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56.1	140.3	18187.9	75.0	-76.9	-115.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.1	149.3	20733.8	50.0	-80.2	-121.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
78.8	159.5	25184.9	25.0	-85.3	-127.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 385  
ALBUQUERQUE, NEW MEXICO

27 MARCH 1992  
2340 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	24.2	1619.0	835.5	14.4	2.3	190.0	2.1	0.4	2.1	302.7	318.0	5.4	44.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	1725.3	825.0	11.8	3.6	233.5	1.2	0.9	0.7	301.1	311.1	3.5	33.8	0.0	0.0
0.4	25.4	1981.4	800.0	9.1	3.8	286.4	2.1	2.1	-1.1	300.9	311.2	3.7	33.8	0.1	79.0
2.1	28.1	2243.5	775.0	6.9	-4.1	335.4	1.5	1.5	-1.5	301.2	311.7	3.5	33.8	0.2	118.0
3.1	33.6	2511.7	750.0	4.3	-5.0	389.9	2.5	2.3	-0.9	301.4	311.3	3.5	33.8	0.3	118.0
4.2	38.3	2786.3	725.0	1.8	-5.3	438.0	4.3	4.0	-2.4	302.0	312.1	3.5	33.8	0.3	114.0
5.3	39.1	3068.3	700.0	-0.5	-5.9	486.0	5.8	5.3	-2.4	301.9	311.7	3.4	33.8	1.3	114.0
6.5	42.0	3357.8	675.0	-3.4	-6.9	534.8	7.1	6.9	-1.4	302.3	311.3	3.1	33.8	1.7	110.0
7.7	44.9	3655.3	650.0	-5.9	-8.9	583.8	8.9	8.8	-1.1	302.5	311.0	2.9	33.8	2.3	105.0
8.8	47.8	3951.2	625.0	-8.7	-9.8	632.8	8.4	8.4	-0.6	302.8	311.4	0.8	33.8	2.7	105.0
9.9	50.8	4277.4	600.0	-9.5	-10.7	681.8	7.2	7.2	1.8	303.0	311.4	0.7	33.8	3.1	95.0
11.1	53.8	4607.1	575.0	-12.1	-11.6	730.8	7.0	7.0	0.6	303.2	311.4	0.6	33.8	3.5	95.0
12.2	56.9	4949.1	550.0	-14.9	-13.9	779.8	8.2	8.2	-0.3	311.5	312.3	0.4	33.8	3.9	95.0
13.3	59.9	5303.1	525.0	-17.6	-16.6	828.8	9.7	9.7	-1.2	311.9	313.2	0.3	33.8	4.3	95.0
14.8	63.1	5670.5	500.0	-21.0	-19.0	877.8	11.4	11.4	-0.8	312.2	314.3	0.2	33.8	4.7	95.0
16.1	66.3	6048.4	475.0	-24.7	-22.7	926.8	13.5	13.5	-1.2	313.4	315.4	0.2	33.8	5.1	95.0
17.8	69.6	6426.3	450.0	-27.8	-25.8	975.8	15.5	15.5	-1.4	314.7	316.8	0.1	33.8	5.5	95.0
19.5	73.0	6804.2	425.0	-31.0	-29.0	1024.8	17.7	17.7	-1.7	316.0	318.5	0.1	33.8	5.9	95.0
21.2	76.4	7182.1	400.0	-33.8	-31.8	1073.8	19.7	19.7	-1.0	318.1	321.0	0.1	33.8	6.3	95.0
23.0	80.0	7560.0	375.0	-37.5	-35.5	1122.8	20.5	20.5	-1.3	320.2	323.0	99.9	99.9	6.7	95.0
24.9	83.6	7937.9	350.0	-41.0	-39.0	1171.8	21.6	21.6	-2.5	321.9	325.9	99.9	99.9	7.1	95.0
27.2	87.3	8315.8	325.0	-45.0	-43.0	1220.8	21.0	21.0	-2.5	323.0	328.0	99.9	99.9	7.5	95.0
29.3	91.3	8693.7	300.0	-48.9	-46.9	1269.8	20.7	20.7	-2.4	324.1	330.1	99.9	99.9	7.9	95.0
31.5	95.4	9071.6	275.0	-52.8	-50.8	1318.8	20.7	20.7	-2.4	325.2	332.2	99.9	99.9	8.3	95.0
33.8	99.7	9449.5	250.0	-56.7	-54.7	1367.8	21.1	21.1	-1.5	326.3	334.3	99.9	99.9	8.7	95.0
36.3	104.2	9827.4	225.0	-60.6	-58.6	1416.8	20.9	20.9	-1.1	327.4	336.4	99.9	99.9	9.1	95.0
38.6	109.0	10205.3	200.0	-64.5	-62.5	1465.8	20.1	20.1	-1.0	328.5	338.5	99.9	99.9	9.5	95.0
40.9	114.2	10583.2	175.0	-68.4	-66.4	1514.8	20.0	20.0	-0.9	329.6	340.6	99.9	99.9	9.9	95.0
43.2	119.7	10961.1	150.0	-72.3	-70.3	1563.8	20.0	20.0	-0.8	330.7	342.7	99.9	99.9	10.3	95.0
45.6	125.0	11339.0	125.0	-76.2	-74.2	1612.8	20.0	20.0	-0.7	331.8	344.8	99.9	99.9	10.7	95.0
51.1	132.7	11716.9	100.0	-80.1	-78.1	1661.8	20.0	20.0	-0.6	332.9	346.9	99.9	99.9	11.1	95.0
56.3	140.7	12094.8	75.0	-84.0	-82.0	1710.8	20.0	20.0	-0.5	334.0	349.0	99.9	99.9	11.5	95.0
61.8	150.5	12472.7	50.0	-87.9	-85.9	1759.8	20.0	20.0	-0.4	335.1	351.1	99.9	99.9	11.9	95.0
66.3	160.5	12850.6	25.0	-91.8	-89.8	1808.8	20.0	20.0	-0.3	336.2	353.2	99.9	99.9	12.3	95.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 385  
ALBUQUERQUE, NEW MEXICO  
28 MARCH 1982  
300 GMT

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.0	1619.0	836.1	12.8	0.5	50.0	3.1	-2.4	-2.0	301.0	314.4	4.8	43.0	0.0	0.0
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	25.2	1730.9	825.0	11.2	-3.5	99.9	99.9	99.9	99.9	300.5	310.7	3.0	35.4	99.9	99.9
1.1	27.9	1988.8	800.0	9.1	-4.1	99.9	99.9	99.9	99.9	300.9	311.0	3.5	39.1	99.9	99.9
2.0	30.7	2248.8	775.0	6.6	-3.5	99.9	99.9	99.9	99.9	300.9	311.8	3.8	48.3	99.9	99.9
2.8	33.4	2517.0	750.0	4.1	-3.7	99.9	99.9	99.9	99.9	301.1	312.2	3.8	58.7	99.9	99.9
3.7	36.3	2791.8	725.0	1.9	-4.4	99.9	99.9	99.9	99.9	301.6	312.5	3.8	68.7	99.9	99.9
4.7	39.2	3073.8	700.0	-0.7	-5.1	99.9	99.9	99.9	99.9	301.7	312.5	3.8	78.7	99.9	99.9
5.6	42.0	3363.3	675.0	-3.4	-8.0	99.9	99.9	99.9	99.9	301.9	313.6	3.0	88.7	99.9	99.9
6.5	45.0	3661.0	650.0	-5.8	-11.0	99.9	99.9	99.9	99.9	302.8	313.6	2.5	98.7	99.9	99.9
7.5	47.9	3967.4	625.0	-8.0	-11.9	99.9	99.9	99.9	99.9	303.4	310.7	2.5	108.7	99.9	99.9
8.4	50.9	4283.8	600.0	-8.9	-22.4	99.9	99.9	99.9	99.9	305.9	309.3	1.1	118.7	99.9	99.9
9.4	53.9	4613.3	575.0	-9.8	-25.5	99.9	99.9	99.9	99.9	308.5	311.2	0.8	128.7	99.9	99.9
10.3	57.0	4954.7	550.0	-12.4	-28.2	99.9	99.9	99.9	99.9	309.4	311.6	0.7	138.7	99.9	99.9
11.3	60.1	5308.2	525.0	-15.3	-31.3	99.9	99.9	99.9	99.9	310.1	311.9	0.5	148.7	99.9	99.9
12.3	63.3	5674.6	500.0	-18.2	-33.9	99.9	99.9	99.9	99.9	310.8	312.3	0.4	158.7	99.9	99.9
13.3	66.5	6055.7	475.0	-21.2	-36.3	99.9	99.9	99.9	99.9	311.7	313.0	0.4	168.7	99.9	99.9
14.4	69.9	6452.2	450.0	-24.3	-39.0	99.9	99.9	99.9	99.9	312.7	313.6	0.3	178.7	99.9	99.9
15.4	73.3	6865.6	425.0	-28.1	-41.9	99.9	99.9	99.9	99.9	313.0	313.7	0.2	188.7	99.9	99.9
16.4	76.7	7297.4	400.0	-31.5	-45.1	99.9	99.9	99.9	99.9	314.0	314.6	0.2	198.7	99.9	99.9
17.7	80.3	7751.2	375.0	-34.7	-47.9	99.9	99.9	99.9	99.9	315.7	316.2	0.1	208.7	99.9	99.9
19.0	84.0	8230.1	350.0	-37.4	-50.3	99.9	99.9	99.9	99.9	318.3	318.7	0.1	218.7	99.9	99.9
20.3	87.9	8738.7	325.0	-40.9	-53.9	99.9	99.9	99.9	99.9	320.3	318.9	0.1	228.7	99.9	99.9
21.7	91.7	9278.5	300.0	-45.0	-58.9	99.9	99.9	99.9	99.9	321.9	319.9	0.1	238.7	99.9	99.9
23.3	95.6	9853.9	275.0	-49.5	-63.9	99.9	99.9	99.9	99.9	323.6	319.9	0.1	248.7	99.9	99.9
25.3	100.2	10471.9	250.0	-53.7	-68.9	99.9	99.9	99.9	99.9	326.2	319.9	0.1	258.7	99.9	99.9
27.3	104.7	11143.0	225.0	-58.0	-73.9	99.9	99.9	99.9	99.9	331.6	319.9	0.1	268.7	99.9	99.9
29.4	109.6	11890.2	200.0	-62.0	-78.9	99.9	99.9	99.9	99.9	334.2	319.9	0.1	278.7	99.9	99.9
31.8	114.7	12740.6	175.0	-65.3	-83.9	99.9	99.9	99.9	99.9	337.8	319.9	0.1	288.7	99.9	99.9
34.6	120.2	13720.3	150.0	-68.5	-88.9	99.9	99.9	99.9	99.9	340.9	319.9	0.1	298.7	99.9	99.9
38.9	126.2	14870.9	125.0	-71.5	-93.9	99.9	99.9	99.9	99.9	340.9	319.9	0.1	308.7	99.9	99.9
39.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO. 395  
ALBUQUERQUE, NEW MEXICO  
28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.0	1619.0	837.6	6.7	0.6	90.0	2.1	-2.1	0.0	294.4	307.5	4.8	85.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	24.3	1745.2	825.0	10.0	-2.5	99.9	99.9	99.9	99.9	299.2	310.1	3.9	41.4	99.9	99.9
1.1	29.7	2261.7	800.0	8.3	-4.1	99.9	99.9	99.9	99.9	300.2	310.6	3.5	48.3	99.9	99.9
2.0	32.3	2293.4	775.0	6.0	-4.2	99.9	99.9	99.9	99.9	300.2	312.0	3.9	57.2	99.9	99.9
2.8	35.1	2803.8	750.0	4.9	-3.7	99.9	99.9	99.9	99.9	301.3	312.4	3.9	54.9	99.9	99.9
3.6	37.9	3085.6	725.0	1.7	-4.2	99.9	99.9	99.9	99.9	302.3	312.1	3.8	78.3	99.9	99.9
4.5	40.7	3374.9	700.0	-1.2	-4.8	99.9	99.9	99.9	99.9	303.0	310.6	2.9	62.9	99.9	99.9
5.4	43.6	3673.0	675.0	-3.0	-9.1	257.3	7.5	7.7	1.6	303.0	310.8	2.7	66.2	99.9	99.9
6.4	46.4	3979.7	650.0	-5.2	-10.5	243.6	10.3	9.2	4.6	303.4	310.8	2.7	79.2	99.9	99.9
7.4	49.4	4295.6	625.0	-7.9	-10.9	245.9	12.8	11.6	5.2	304.5	310.3	1.8	91.6	99.9	99.9
8.4	52.3	4623.3	600.0	-10.1	-16.1	253.3	13.9	13.3	4.0	307.1	310.3	1.0	94.2	99.9	99.9
9.4	55.4	4954.3	575.0	-11.0	-23.6	259.4	10.6	10.6	0.1	307.1	312.4	0.9	92.0	99.9	99.9
10.4	58.5	5317.9	550.0	-12.2	-25.5	279.8	8.2	8.8	-1.5	309.6	312.5	0.7	92.0	99.9	99.9
11.6	61.6	5685.1	525.0	-15.2	-30.1	284.4	9.1	8.8	-2.3	311.7	312.8	0.6	92.0	99.9	99.9
12.7	64.9	6056.9	500.0	-17.5	-32.8	302.2	10.0	10.3	-3.8	312.6	314.3	0.5	92.0	99.9	99.9
13.9	68.1	6484.8	475.0	-20.5	-35.8	302.2	10.0	10.3	-5.4	312.6	315.0	0.4	92.0	99.9	99.9
15.2	71.4	6981.0	450.0	-23.6	-38.6	316.9	9.9	8.7	-6.2	316.2	317.4	0.4	92.0	99.9	99.9
16.5	74.9	7318.0	425.0	-26.6	-40.1	314.0	11.8	8.5	-10.3	317.9	318.9	0.3	92.0	99.9	99.9
17.8	78.4	7777.3	400.0	-28.6	-43.0	317.1	14.0	9.6	-11.9	319.3	320.1	0.2	92.0	99.9	99.9
19.1	82.0	8260.8	375.0	-32.0	-46.3	318.8	15.3	11.1	-12.7	320.6	321.3	0.2	92.0	99.9	99.9
20.5	85.8	8771.5	350.0	-35.7	-48.3	313.2	18.5	13.5	-12.6	321.5	321.9	99.9	99.9	99.9	99.9
22.1	90.0	9312.4	325.0	-40.1	-50.9	311.6	21.5	16.1	-14.3	322.4	322.4	99.9	99.9	99.9	99.9
24.2	94.2	9889.3	300.0	-44.7	-53.9	316.3	22.1	15.3	-15.9	324.6	322.4	99.9	99.9	99.9	99.9
25.9	98.6	10508.4	275.0	-48.8	-56.9	317.8	19.6	13.2	-14.6	326.3	322.4	99.9	99.9	99.9	99.9
27.6	103.2	11178.3	250.0	-53.6	-59.9	299.5	20.3	17.8	-10.0	328.5	322.4	99.9	99.9	99.9	99.9
29.6	108.2	11913.6	225.0	-58.5	-62.8	282.8	30.4	29.6	-8.7	336.5	322.4	99.9	99.9	99.9	99.9
31.9	113.4	12754.1	200.0	-60.8	-65.9	272.1	28.1	28.1	-11.0	355.1	322.4	99.9	99.9	99.9	99.9
34.1	119.0	13727.4	175.0	-57.5	-68.1	269.1	27.4	27.4	0.4	370.5	322.4	99.9	99.9	99.9	99.9
36.6	125.3	14875.6	150.0	-52.3	-70.9	268.3	25.6	25.6	0.7	387.6	322.4	99.9	99.9	99.9	99.9
38.7	132.3	16268.9	125.0	-47.0	-73.9	260.4	21.9	21.9	3.6	407.9	322.4	99.9	99.9	99.9	99.9
43.5	140.3	18045.2	100.0	-42.0	-76.9	257.7	20.3	18.9	0.3	443.9	322.4	99.9	99.9	99.9	99.9
48.2	149.3	20574.5	75.0	-31.6	-80.9	257.7	4.9	4.8	-0.9	494.7	322.4	99.9	99.9	99.9	99.9
54.1	159.0	24964.1	50.0	-63.2	-93.9	280.6	4.9	4.8	-0.9	625.6	322.4	99.9	99.9	99.9	99.9
66.6	159.0	24964.1	25.0	-55.3	-93.9	153.3	3.8	-1.7	3.4	625.6	322.4	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 365  
ALBUQUERQUE, NEW MEXICO

28 MARCH 1982  
1100 GMT

144 10. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.7	1619.0	836.6	4.3	0.6	20.0	5.2	-1.8	-4.9	292.0	305.0	4.8	77.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	24.9	1733.3	800.0	7.2	-0.7	99.9	99.9	99.9	99.9	298.2	308.5	4.4	51.4	0.0	0.0
1.3	27.7	1987.0	775.0	6.0	-1.8	99.9	99.9	99.9	99.9	299.2	311.0	4.0	53.1	0.0	0.0
2.2	30.3	2248.0	750.0	5.0	-2.8	99.9	99.9	99.9	99.9	300.3	311.9	3.9	57.4	0.0	0.0
3.2	33.1	2515.8	725.0	3.9	-3.7	99.9	99.9	99.9	99.9	301.8	311.9	3.5	59.2	0.0	0.0
4.2	35.9	2780.0	700.0	3.0	-5.6	99.9	99.9	99.9	99.9	303.8	311.9	3.2	60.4	0.0	0.0
5.1	38.6	3071.9	675.0	-0.5	-7.2	99.9	99.9	99.9	99.9	305.8	311.9	3.2	60.4	0.0	0.0
6.2	41.5	3361.7	650.0	-2.9	-8.5	99.9	99.9	99.9	99.9	307.8	311.9	3.2	60.4	0.0	0.0
7.3	44.4	3659.7	625.0	-7.9	-11.0	99.9	99.9	99.9	99.9	309.8	311.9	3.2	60.4	0.0	0.0
8.3	47.3	3966.6	600.0	-9.7	-13.3	99.9	99.9	99.9	99.9	311.8	311.9	3.2	60.4	0.0	0.0
9.3	50.3	4282.8	575.0	-10.9	-15.2	99.9	99.9	99.9	99.9	313.8	311.9	3.2	60.4	0.0	0.0
10.5	53.4	4612.6	550.0	-13.2	-17.5	99.9	99.9	99.9	99.9	315.8	311.9	3.2	60.4	0.0	0.0
11.8	56.4	4955.7	525.0	-15.7	-20.6	99.9	99.9	99.9	99.9	317.8	311.9	3.2	60.4	0.0	0.0
13.0	59.5	5311.8	500.0	-17.5	-23.5	99.9	99.9	99.9	99.9	319.8	311.9	3.2	60.4	0.0	0.0
14.4	62.8	5681.5	475.0	-20.6	-26.4	99.9	99.9	99.9	99.9	321.8	311.9	3.2	60.4	0.0	0.0
15.8	65.9	6067.0	450.0	-24.2	-29.3	99.9	99.9	99.9	99.9	323.8	311.9	3.2	60.4	0.0	0.0
17.4	69.3	6469.6	425.0	-27.8	-32.5	99.9	99.9	99.9	99.9	325.8	311.9	3.2	60.4	0.0	0.0
19.2	72.7	6889.8	400.0	-31.4	-35.4	99.9	99.9	99.9	99.9	327.8	311.9	3.2	60.4	0.0	0.0
20.8	76.9	7288.3	375.0	-35.6	-38.3	99.9	99.9	99.9	99.9	329.8	311.9	3.2	60.4	0.0	0.0
22.6	83.6	7789.0	350.0	-39.7	-41.2	99.9	99.9	99.9	99.9	331.8	311.9	3.2	60.4	0.0	0.0
24.5	87.4	8273.3	325.0	-44.2	-44.2	99.9	99.9	99.9	99.9	333.8	311.9	3.2	60.4	0.0	0.0
26.4	91.5	8784.4	300.0	-48.7	-47.1	99.9	99.9	99.9	99.9	335.8	311.9	3.2	60.4	0.0	0.0
28.4	95.5	9326.3	275.0	-54.1	-50.0	99.9	99.9	99.9	99.9	337.8	311.9	3.2	60.4	0.0	0.0
30.4	100.0	10000.0	250.0	-58.7	-52.9	99.9	99.9	99.9	99.9	339.8	311.9	3.2	60.4	0.0	0.0
32.8	104.5	10523.1	225.0	-64.3	-55.8	99.9	99.9	99.9	99.9	341.8	311.9	3.2	60.4	0.0	0.0
35.6	109.4	11192.4	200.0	-68.9	-58.7	99.9	99.9	99.9	99.9	343.8	311.9	3.2	60.4	0.0	0.0
38.4	114.8	11922.9	175.0	-73.5	-61.2	99.9	99.9	99.9	99.9	345.8	311.9	3.2	60.4	0.0	0.0
41.4	120.5	12739.3	150.0	-77.4	-63.7	99.9	99.9	99.9	99.9	347.8	311.9	3.2	60.4	0.0	0.0
45.4	127.0	13707.2	125.0	-81.4	-66.2	99.9	99.9	99.9	99.9	349.8	311.9	3.2	60.4	0.0	0.0
50.3	134.0	14680.2	100.0	-85.0	-68.7	99.9	99.9	99.9	99.9	351.8	311.9	3.2	60.4	0.0	0.0
55.5	142.0	15650.2	75.0	-88.9	-71.2	99.9	99.9	99.9	99.9	353.8	311.9	3.2	60.4	0.0	0.0
62.0	150.7	16620.3	50.0	-93.0	-73.7	99.9	99.9	99.9	99.9	355.8	311.9	3.2	60.4	0.0	0.0
70.3	160.0	17591.4	25.0	-97.7	-76.2	99.9	99.9	99.9	99.9	357.8	311.9	3.2	60.4	0.0	0.0
83.2															

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA

27 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.5	1487.0	849.6	2.2	-0.1	250.0	1.6	1.5	0.5	288.5	300.5	4.5	85.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	25.1	1727.7	825.0	7.0	0.2	279.5	18.7	18.4	-3.1	296.0	328.9	4.7	62.3	0.5	86.0
1.7	27.8	1980.1	800.0	5.2	-1.3	284.2	16.6	16.1	-1.1	298.8	338.9	4.2	69.6	0.9	92.0
2.5	30.4	2238.5	775.0	2.9	-2.1	291.8	14.0	13.0	-5.2	298.9	348.7	4.3	69.6	1.3	97.0
3.4	33.1	2503.1	750.0	0.5	-2.5	302.8	13.0	10.9	-7.0	297.1	359.8	3.9	80.4	1.5	101.0
4.4	35.9	2774.4	725.0	-1.4	-4.1	315.5	15.1	10.6	-10.8	297.9	369.8	3.3	80.4	1.9	106.0
5.3	38.7	3053.2	700.0	-3.8	-6.6	322.4	17.1	11.6	-13.9	298.3	377.7	2.9	80.4	2.3	113.0
6.2	41.4	3338.7	675.0	-5.2	-9.0	327.3	17.1	11.6	-12.6	299.8	388.1	2.1	80.4	2.7	121.0
7.2	44.3	3636.4	650.0	-7.3	-13.6	331.3	15.9	12.4	-9.9	302.9	398.8	1.7	80.4	3.1	120.0
8.2	47.1	3942.6	625.0	-9.8	-16.2	336.1	17.2	14.7	-8.3	307.1	411.1	1.3	80.4	3.5	120.0
9.1	50.1	4260.1	600.0	-12.4	-20.3	341.1	20.5	18.7	-11.6	307.1	428.0	1.1	80.4	3.9	119.0
10.2	53.1	4589.8	575.0	-15.5	-23.3	346.1	23.8	22.8	-13.9	310.5	443.4	0.9	80.4	4.3	119.0
11.1	56.1	4931.8	550.0	-18.6	-26.5	351.1	27.9	27.9	-15.3	314.5	458.5	0.7	80.4	4.7	119.0
12.2	59.0	5288.3	525.0	-21.4	-29.7	356.1	31.2	29.3	-14.6	318.0	473.7	0.5	80.4	5.1	118.0
13.5	62.3	5659.1	500.0	-24.4	-32.0	361.1	33.4	28.7	-12.7	321.1	488.8	0.4	80.4	5.5	118.0
14.8	65.4	6044.4	475.0	-27.8	-34.3	366.1	35.2	29.9	-10.1	324.6	503.9	0.3	80.4	5.9	118.0
15.9	68.8	6444.4	450.0	-30.8	-37.4	371.1	37.1	31.5	-8.3	328.0	519.0	0.2	80.4	6.3	118.0
17.3	72.1	6861.3	425.0	-33.8	-40.7	376.1	39.5	33.5	-6.7	331.5	534.1	0.2	80.4	6.7	118.0
18.7	75.7	7297.8	400.0	-36.8	-43.1	381.1	41.5	35.5	-5.1	335.0	549.2	0.1	80.4	7.1	118.0
20.3	79.3	7755.8	375.0	-39.8	-45.5	386.1	43.5	37.5	-3.5	338.5	564.3	0.1	80.4	7.5	118.0
22.0	83.0	8237.3	350.0	-42.8	-47.9	391.1	45.5	39.5	-1.9	342.0	579.4	0.1	80.4	7.9	118.0
23.8	86.8	8747.3	325.0	-45.8	-50.3	396.1	47.5	41.5	-0.3	345.5	594.5	0.1	80.4	8.3	118.0
25.7	90.8	9290.3	300.0	-48.8	-52.7	401.1	49.5	43.5	0.1	349.0	609.6	0.1	80.4	8.7	118.0
27.6	95.2	9870.0	275.0	-51.8	-55.1	406.1	51.5	45.5	0.1	352.5	624.7	0.1	80.4	9.1	118.0
30.1	100.5	10493.1	250.0	-54.8	-57.5	411.1	53.5	47.5	0.1	356.0	639.8	0.1	80.4	9.5	118.0
32.5	104.2	11189.7	225.0	-57.5	-60.0	416.1	55.5	49.5	0.1	359.5	654.9	0.1	80.4	9.9	118.0
35.3	109.2	11918.8	200.0	-60.0	-62.5	421.1	57.5	51.5	0.1	363.0	670.0	0.1	80.4	10.3	118.0
38.1	114.4	12772.2	175.0	-62.5	-65.0	426.1	59.5	53.5	0.1	366.5	685.1	0.1	80.4	10.7	118.0
41.5	120.2	13754.5	150.0	-65.0	-67.5	431.1	61.5	55.5	0.1	370.0	700.2	0.1	80.4	11.1	118.0
45.4	128.7	14905.3	125.0	-67.5	-70.0	436.1	63.5	57.5	0.1	373.5	715.3	0.1	80.4	11.5	118.0
50.1	134.0	16394.4	100.0	-70.0	-72.5	441.1	65.5	59.5	0.1	377.0	730.4	0.1	80.4	11.9	118.0
55.7	142.3	18075.5	75.0	-72.5	-75.0	446.1	67.5	61.5	0.1	380.5	745.5	0.1	80.4	12.3	118.0
63.3	152.0	20589.6	50.0	-75.0	-77.5	451.1	69.5	63.5	0.1	384.0	760.6	0.1	80.4	12.7	118.0
76.1	163.0	24993.9	25.0	-77.5	-80.0	456.1	71.5	65.5	0.1	387.5	775.7	0.1	80.4	13.1	118.0

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT I DG K	MX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.1	1487.0	850.7	5.6	2.8	210.0	2.6	1.3	2.3	292.0	306.8	5.5	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	22.2	1493.8	850.0	5.7	2.6	218.9	2.8	1.7	2.2	292.1	306.3	5.5	80.9	0.0	6.
0.8	27.4	1738.8	825.0	6.1	0.7	285.9	5.4	5.2	-1.5	295.0	308.4	4.9	88.4	0.3	81.
1.6	24.8	1990.8	800.0	4.7	-1.4	290.4	6.1	5.7	-2.1	296.2	308.2	4.3	84.5	0.5	94.
2.4	29.9	2248.9	775.0	3.1	-4.0	324.3	4.5	3.8	-3.7	297.6	307.9	4.0	84.1	0.8	100.
3.2	32.7	2513.8	750.0	0.9	-4.4	335.5	4.5	3.0	-6.6	297.9	308.2	3.7	87.7	1.2	106.
4.0	35.4	2785.4	725.0	-3.7	-5.0	342.0	7.4	3.0	-7.1	298.4	308.4	3.5	85.0	1.5	117.
4.9	38.2	3084.1	700.0	-5.9	-5.9	335.8	6.8	2.8	-6.2	299.0	308.4	3.3	80.1	1.8	134.
5.7	41.0	3350.3	675.0	-7.1	-7.3	309.3	7.4	2.8	-4.7	301.0	308.0	2.4	68.8	2.1	135.
6.5	43.8	3645.8	650.0	-8.9	-11.8	287.2	8.7	10.2	-3.3	304.3	308.8	1.5	40.8	2.6	132.
7.7	46.7	3951.3	625.0	-8.9	-18.9	287.2	10.6	11.4	-4.2	309.7	310.2	1.0	29.9	3.2	128.
8.8	49.6	4268.6	600.0	-8.8	-23.2	290.4	12.1	13.1	-4.2	312.3	315.1	0.8	25.5	3.9	124.
9.9	52.5	4598.6	575.0	-9.9	-28.9	289.5	13.9	13.1	-4.6	312.7	314.9	0.7	24.9	4.3	121.
11.1	55.5	4942.5	550.0	-13.1	-28.0	290.4	12.7	12.0	-4.1	313.5	315.3	0.5	24.3	5.8	118.
12.3	58.5	5299.2	525.0	-15.0	-31.8	288.9	12.4	12.1	-2.8	314.5	318.0	0.4	24.3	7.6	117.
13.4	61.8	5668.9	500.0	-15.0	-34.2	282.9	12.4	12.5	-2.4	315.5	318.8	0.4	24.8	9.7	115.
14.7	65.0	6033.0	475.0	-22.0	-36.7	280.2	15.2	15.0	-2.5	316.5	317.5	0.3	24.6	11.2	111.
15.9	68.1	6433.1	450.0	-25.3	-39.5	279.6	18.6	18.5	-2.0	317.6	318.3	0.2	24.6	13.0	109.
17.3	71.6	6871.0	425.0	-28.8	-42.7	276.2	20.7	20.9	-0.8	319.0	319.7	0.2	26.8	15.0	106.
18.9	75.0	7307.8	400.0	-32.2	-45.0	272.2	20.7	20.9	0.7	321.0	321.5	0.1	26.9	17.0	104.
20.4	78.6	7786.7	375.0	-35.4	-47.7	269.5	22.2	22.2	0.2	323.6	324.1	0.1	99.9	19.5	102.
22.1	82.3	8250.3	350.0	-38.5	-50.4	269.7	23.9	23.9	0.1	325.5	999.9	99.9	99.9	22.4	101.
23.7	86.0	8782.5	325.0	-42.4	-50.9	269.7	28.2	28.2	-0.5	326.5	999.9	99.9	99.9	26.5	99.
25.5	90.0	9307.9	300.0	-47.4	-51.6	271.0	30.6	30.4	-1.4	328.4	999.9	99.9	99.9	31.2	99.
27.5	94.2	9889.2	275.0	-51.6	-51.6	274.8	34.1	34.1	0.8	329.8	999.9	99.9	99.9	37.2	97.
29.8	98.5	10513.3	250.0	-55.9	-55.9	272.4	38.2	38.1	-1.4	332.8	999.9	99.9	99.9	43.9	96.
32.3	103.2	11189.8	225.0	-55.3	-55.3	268.8	38.2	38.1	3.2	345.2	999.9	99.9	99.9	52.4	94.
35.1	108.2	11938.2	200.0	-54.1	-54.1	265.4	39.6	39.5	1.4	360.6	999.9	99.9	99.9	61.1	94.
38.2	113.8	12794.5	175.0	-54.0	-54.0	268.1	40.6	40.6	1.1	377.1	999.9	99.9	99.9	68.4	93.
41.5	119.5	13781.0	150.0	-56.5	-56.5	268.0	31.0	31.0	2.7	392.7	999.9	99.9	99.9	75.8	92.
45.6	128.0	14944.0	125.0	-60.2	-60.2	263.7	24.7	24.6	-1.1	411.4	999.9	99.9	99.9	79.1	92.
50.3	133.7	16344.2	100.0	-59.7	-59.7	274.3	15.0	14.9	3.9	447.4	999.9	99.9	99.9	76.6	92.
56.3	142.5	18141.8	75.0	-58.5	-58.5	213.4	4.7	2.6	0.7	503.3	999.9	99.9	99.9		
64.3	152.7	20675.1	50.0	-51.6	-51.6	111.7	2.0	-1.8		638.4	999.9	99.9	99.9		
77.1	164.0	25103.1	25.0	-51.6	-51.6	111.7	2.0	-1.8							

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.5	1487.0	851.3	12.2	1.5	20.0	2.6	-0.9	-2.4	298.8	312.8	5.0	48.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	22.7	1499.8	850.0	11.5	0.6	99.9	99.9	99.9	99.9	298.2	311.4	4.7	46.9	99.9	99.9
0.9	25.3	1747.4	825.0	17.9	-0.4	99.9	99.9	99.9	99.9	296.9	309.5	4.5	55.9	99.9	99.9
2.0	27.9	2000.4	800.0	5.6	-1.2	99.9	99.9	99.9	99.9	297.2	308.0	4.4	61.5	0.2	191.
3.0	30.8	2259.3	775.0	3.3	-3.6	328.7	2.7	1.5	-2.2	297.3	308.0	3.8	60.5	0.3	179.
4.0	33.3	2524.4	750.0	1.4	-5.0	332.6	2.7	2.2	-2.9	298.1	308.1	3.5	62.2	0.5	165.
4.9	36.1	2796.5	725.0	-0.9	-6.3	332.8	2.7	1.2	-2.4	298.5	307.9	3.3	66.6	0.7	158.
5.9	38.9	3075.8	700.0	-3.2	-7.5	334.0	2.2	0.2	-2.2	298.9	307.9	3.1	72.1	0.8	150.
6.9	41.7	3362.8	675.0	-5.2	-9.2	334.4	4.3	2.6	-3.5	299.9	308.4	2.8	73.4	0.9	161.
8.0	44.5	3659.1	650.0	-5.5	-14.8	297.9	6.8	6.0	-3.2	302.8	308.4	1.9	47.7	1.3	150.
9.2	47.4	3967.4	625.0	-5.2	-19.6	297.2	7.8	7.3	-2.7	306.5	310.5	1.3	31.3	1.7	140.
10.3	50.4	4287.1	600.0	-7.0	-22.2	283.4	9.4	9.1	-2.2	308.1	311.4	1.1	28.4	2.3	132.
11.4	53.3	4618.0	575.0	-9.0	-24.2	276.2	10.8	10.7	-1.2	309.4	312.0	0.9	27.9	2.8	124.
12.6	56.4	4980.5	550.0	-11.2	-28.5	276.2	11.0	11.0	-1.2	310.8	312.0	0.7	22.2	3.6	118.
13.8	59.4	5315.9	525.0	-13.8	-31.0	279.6	11.0	10.9	-1.8	311.8	313.6	0.5	21.7	4.3	114.
15.2	62.5	5684.6	500.0	-16.5	-33.2	284.8	11.9	11.5	-3.0	312.9	314.5	0.5	21.9	5.2	112.
16.6	65.7	6068.0	475.0	-19.6	-35.8	282.5	13.4	13.1	-2.9	313.7	315.0	0.4	22.0	6.3	111.
18.0	69.0	6466.4	450.0	-23.2	-38.9	274.7	12.7	12.6	-1.0	314.0	315.1	0.3	22.2	7.4	109.
19.5	72.4	6882.6	425.0	-26.1	-41.3	274.7	12.8	12.8	-0.9	315.5	316.4	0.2	22.3	8.4	107.
21.0	75.9	7318.4	400.0	-29.4	-44.1	275.0	15.9	15.8	-1.4	316.7	317.4	0.2	22.5	9.7	106.
22.4	79.3	7776.7	375.0	-32.5	-46.7	269.3	18.7	18.7	0.2	318.6	319.2	0.1	22.6	11.2	104.
24.0	83.0	8259.0	350.0	-36.3	-49.7	267.9	21.3	21.3	0.8	319.8	320.2	0.1	23.2	12.9	102.
25.6	86.6	8769.8	325.0	-39.9	-49.9	263.4	23.8	23.7	2.8	321.7	320.2	99.9	99.9	15.1	99.
27.4	90.5	9312.3	300.0	-43.7	-49.9	260.9	26.5	26.2	4.2	323.7	320.2	99.9	99.9	17.5	97.
29.4	94.5	9892.0	275.0	-47.6	-49.9	255.9	28.0	27.9	2.0	326.2	320.2	99.9	99.9	20.9	94.
31.6	98.8	10514.9	250.0	-52.1	-49.9	253.2	27.7	27.5	3.3	328.6	320.2	99.9	99.9	24.5	91.
33.9	103.4	11190.9	225.0	-55.7	-49.9	250.5	31.5	31.0	5.2	333.1	320.2	99.9	99.9	28.5	89.
36.5	108.2	11938.8	200.0	-58.5	-49.9	250.0	30.7	30.2	5.3	343.4	320.2	99.9	99.9	32.2	80.
39.3	113.2	12792.7	175.0	-53.8	-49.9	251.3	34.9	34.5	5.3	361.4	320.2	99.9	99.9	36.4	88.
42.7	118.8	13782.2	150.0	-54.0	-49.9	258.7	36.3	36.3	0.8	377.0	320.2	99.9	99.9	40.1	88.
46.7	125.0	14949.3	125.0	-54.8	-49.9	252.3	29.0	28.8	3.9	395.8	320.2	99.9	99.9	44.1	87.
51.3	132.0	16360.8	100.0	-58.8	-49.9	259.8	23.2	22.8	4.1	414.2	320.2	99.9	99.9	48.1	86.
57.4	140.0	18182.7	75.0	-59.8	-49.9	255.0	12.7	12.7	0.9	447.9	320.2	99.9	99.9	52.5	86.
65.3	149.5	20700.3	50.0	-57.2	-49.9	257.6	5.8	2.7	3.6	508.7	320.2	99.9	99.9	57.0	85.
78.1	161.0	25132.2	25.0	-52.4	-49.9	174.9	3.8	-0.3	3.6	634.0	320.2	99.9	99.9	69.2	85.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP C	DEW PT C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0 0	21.7	1487.0	850.7	15.0	0.1	70.0	3.1	-2.9	-1.1	301.8	314.8	4.5	38.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 0	21.8	1493.9	850.0	14.4	-0.8	75.2	3.2	-3.1	-0.8	301.3	313.4	4.3	35.0	0.0	34.
0 0	24.3	1743.2	825.0	10.0	-4.2	77.1	2.1	-2.0	-0.5	299.1	308.9	3.3	36.7	0.2	202.
1 5	26.9	1997.8	800.0	7.7	-4.9	304.9	2.0	1.8	-0.7	299.4	308.5	3.1	40.3	0.2	197.
2 2	29.4	2258.5	775.0	5.3	-6.2	280.5	3.7	3.8	-0.1	299.2	308.1	3.1	43.3	0.4	157.
3 0	32.1	2524.9	750.0	2.4	-6.7	268.7	3.9	3.9	0.1	299.1	308.0	3.1	50.6	0.6	110.
4 1	34.8	2797.8	725.0	-0.3	-7.1	271.6	4.3	4.2	-0.1	299.5	308.3	3.2	58.2	0.8	106.
4 9	37.4	3077.8	700.0	-2.7	-7.7	266.8	4.8	4.6	0.3	299.5	308.3	3.2	68.2	1.0	100.
5 9	40.2	3364.8	675.0	-5.6	-8.7	262.5	5.8	5.8	0.3	300.7	308.5	3.0	89.6	1.3	95.
6 9	43.0	3680.3	650.0	-7.3	-19.0	266.7	6.8	6.8	-0.8	303.9	308.1	1.4	99.9	1.8	85.
8 2	45.9	3984.5	625.0	-7.7	-20.0	281.8	9.0	8.8	-1.8	307.2	311.3	1.3	99.9	2.4	97.
9 5	48.8	4282.7	600.0	-9.0	-23.1	270.6	9.6	9.5	-0.9	309.4	312.7	1.0	99.9	3.1	98.
10 7	51.6	4613.2	575.0	-12.0	-25.2	270.6	10.0	10.0	-0.1	309.8	312.7	0.9	99.9	3.9	95.
12 0	54.6	4955.4	550.0	-15.0	-27.2	271.1	10.0	10.0	-0.2	310.4	313.0	0.8	99.9	4.6	95.
13 2	57.5	5309.5	525.0	-17.2	-29.6	274.8	9.1	9.1	-0.8	312.0	313.8	0.7	99.9	5.3	95.
14 5	60.7	5676.6	500.0	-19.0	-33.0	280.3	9.7	9.5	-1.7	312.2	313.8	0.5	99.9	6.0	95.
15 8	63.9	6059.0	475.0	-20.9	-35.9	285.6	10.5	10.1	-2.8	312.1	314.5	0.4	99.9	6.7	96.
16 9	67.3	6456.0	450.0	-24.0	-38.7	285.7	11.1	10.7	-3.0	314.3	315.4	0.3	99.9	7.5	97.
18 2	70.6	6870.8	425.0	-27.1	-42.3	280.1	12.2	10.7	-2.1	314.5	315.3	0.2	99.9	8.5	98.
19 7	74.1	7304.2	400.0	-31.2	-44.8	279.0	14.0	12.9	-2.2	318.8	317.4	0.2	99.9	9.8	98.
21 3	77.7	7759.2	375.0	-33.9	-47.5	282.6	15.5	15.1	-3.4	319.2	319.7	0.1	99.9	11.3	99.
23 0	81.4	8239.7	350.0	-38.8	-49.9	280.1	17.3	17.0	-3.0	320.8	319.7	0.1	99.9	13.1	99.
24 9	85.3	8748.9	325.0	-40.5	-51.9	280.3	18.4	18.1	-3.3	321.7	319.7	0.1	99.9	15.1	99.
26 6	89.3	9288.4	300.0	-45.2	-53.9	282.1	16.8	16.4	-3.5	323.4	319.7	0.1	99.9	17.0	99.
28 4	93.8	9883.4	275.0	-49.6	-56.9	283.3	16.9	16.4	-3.9	327.2	319.7	0.1	99.9	18.8	100.
30 3	98.2	10483.2	250.0	-53.1	-59.9	283.3	20.9	20.8	-4.2	335.6	319.7	0.1	99.9	21.0	100.
32 2	102.8	11158.4	225.0	-54.1	-61.9	276.0	20.9	20.8	-4.2	335.6	319.7	0.1	99.9	21.0	100.
34 6	108.0	11914.8	200.0	-54.6	-61.9	267.5	26.0	26.0	-4.2	346.3	319.7	0.1	99.9	24.2	98.
37 4	113.5	12770.9	175.0	-55.3	-61.9	267.8	28.9	28.9	-4.2	358.8	319.7	0.1	99.9	28.9	97.
41 0	119.4	13755.3	150.0	-54.8	-61.9	267.7	32.8	32.5	-4.2	375.7	319.7	0.1	99.9	35.8	95.
45 0	126.0	14915.6	125.0	-56.6	-61.9	257.5	28.1	27.8	-4.2	392.6	319.7	0.1	99.9	42.8	93.
49 8	133.3	16322.8	100.0	-59.1	-61.9	262.1	23.1	23.1	-4.2	413.6	319.7	0.1	99.9	50.3	91.
55 8	141.7	18124.5	75.0	-60.6	-61.9	264.1	18.3	18.3	-4.2	445.8	319.7	0.1	99.9	57.0	90.
64 2	151.0	20689.8	50.0	-60.6	-61.9	155.2	5.3	5.3	-4.2	510.2	319.7	0.1	99.9	61.0	89.
77 3	160.3	25115.4	25.0	-51.5	-61.9	168.9	3.6	-0.7	-3.6	836.3	319.7	0.1	99.9	59.2	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374 WINSLOW, ARIZONA													
27 MARCH 1982 2315 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT
0.0	22.2	1487.0	849.3	18.1	-0.8	20.0	1.0	-0.3	-0.9	303.1	315.5	4.3	32.0
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	24.7	1731.8	825.0	12.8	-4.9	25.1	2.2	-0.9	-2.0	302.1	311.5	3.2	28.8
1.7	27.2	1988.8	800.0	10.3	-5.5	65.6	1.9	-1.7	-0.8	302.2	311.5	3.2	32.4
2.3	29.8	2251.7	775.0	5.0	-6.0	165.7	1.9	-1.5	1.1	302.0	311.5	3.4	38.2
3.1	32.4	2520.7	725.0	2.2	-6.2	219.5	0.8	0.5	0.6	301.5	311.6	3.4	44.4
4.0	35.2	2795.9	700.0	-0.9	-7.0	99.9	99.9	99.9	99.9	301.5	311.6	3.4	54.4
5.1	37.9	3067.7	675.0	-2.9	-7.9	99.9	99.9	99.9	99.9	302.4	312.2	3.2	68.8
6.1	40.7	3362.7	650.0	-5.8	-8.9	99.9	99.9	99.9	99.9	302.4	311.6	2.9	73.2
7.0	43.4	3665.3	625.0	-8.3	-9.8	99.9	99.9	99.9	99.9	303.0	311.6	2.9	84.9
8.1	46.3	3971.7	600.0	-8.9	-20.7	99.9	99.9	99.9	99.9	305.8	309.6	1.2	89.9
9.4	49.2	4287.7	575.0	-9.0	-21.6	99.9	99.9	99.9	99.9	309.5	313.2	1.2	97.5
10.5	52.1	4617.9	550.0	-11.5	-23.9	295.1	11.1	10.1	-4.7	310.4	314.6	1.0	99.9
11.8	55.1	4960.4	525.0	-13.9	-26.1	299.7	10.4	9.8	-5.6	311.8	314.6	0.9	99.9
13.2	58.1	5315.8	500.0	-17.1	-28.0	300.3	10.4	8.7	-5.1	312.2	314.4	0.7	99.9
14.6	61.3	5684.1	475.0	-20.4	-32.0	302.4	11.9	8.9	-5.3	312.7	315.1	0.5	99.9
16.0	64.4	6066.5	450.0	-23.6	-34.8	302.4	11.9	10.0	-6.4	313.6	316.7	0.4	99.9
17.2	67.6	6468.3	425.0	-26.2	-37.2	299.9	13.2	11.5	-6.6	315.5	318.7	0.3	99.9
18.6	70.9	6879.9	400.0	-29.5	-40.5	297.2	12.3	9.8	-7.4	318.2	319.5	0.2	99.9
20.2	74.3	7315.3	375.0	-32.5	-42.7	317.1	12.7	8.7	-9.3	320.1	320.7	0.2	99.9
22.0	77.7	7772.6	350.0	-36.1	-46.0	314.9	14.7	10.4	-10.2	320.7	320.7	0.2	99.9
23.8	81.3	8255.3	325.0	-40.6	-49.9	309.3	16.1	12.5	-10.5	321.6	320.7	0.2	99.9
25.8	85.0	8764.9	300.0	-45.3	-53.9	305.2	18.1	14.8	-11.5	324.9	320.7	0.2	99.9
27.8	89.0	9305.2	275.0	-48.6	-57.9	302.0	21.4	17.9	-11.7	327.2	320.7	0.2	99.9
29.8	92.8	9881.1	250.0	-53.1	-61.9	303.0	21.4	17.9	-7.9	329.7	320.7	0.2	99.9
32.1	97.0	10502.3	225.0	-58.0	-65.9	299.9	24.1	22.8	-4.4	342.7	320.7	0.2	99.9
34.8	101.6	11174.1	200.0	-58.9	-68.9	298.6	29.8	29.5	-1.4	356.4	320.7	0.2	99.9
37.6	106.4	11916.7	175.0	-56.7	-65.7	272.8	29.5	29.3	-1.4	374.2	320.7	0.2	99.9
40.5	111.5	12763.5	150.0	-55.7	-64.3	268.3	29.3	25.6	-1.4	391.0	320.7	0.2	99.9
44.2	117.0	13743.4	125.0	-57.4	-67.9	263.7	25.9	21.9	-2.4	414.3	320.7	0.2	99.9
48.7	123.3	14903.8	100.0	-58.7	-69.9	263.7	22.1	14.8	-2.2	451.1	320.7	0.2	99.9
53.8	130.3	16313.0	75.0	-58.1	-69.9	261.8	15.0	4.5	2.3	505.6	320.7	0.2	99.9
60.0	138.3	18112.5	50.0	-58.5	-69.9	243.0	5.1	4.5	99.9	638.0	320.7	0.2	99.9
68.6	148.0	20657.7	25.0	-51.1	-69.9	99.9	99.9	99.9	99.9	638.0	320.7	0.2	99.9
82.2	158.3	25114.0	25.0	-51.1	-69.9	99.9	99.9	99.9	99.9	638.0	320.7	0.2	99.9

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 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
28 MARCH 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.6	1487.0	849.5	13.3	0.0	50.0	1.8	-1.2	-1.0	300.1	312.8	4.5	40.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	29.2	1733.5	825.0	11.9	-4.1	73.9	3.2	-3.0	-0.5	301.1	311.0	3.4	32.4	0.1	243
2.3	26.4	1989.9	800.0	9.7	-4.8	89.8	3.4	-3.4	-0.5	301.5	311.1	3.4	32.7	0.4	251
3.3	32.0	2252.4	775.0	7.5	-5.2	120.1	2.7	-2.0	1.2	301.9	311.0	3.3	32.9	0.6	260
4.5	34.8	2521.2	725.0	4.9	-5.9	150.3	2.9	-1.3	2.4	301.9	311.0	3.3	32.9	0.6	270
5.8	37.7	2796.8	725.0	2.5	-6.0	180.9	2.9	0.0	2.9	302.2	312.0	3.4	33.3	0.8	290
6.9	40.5	3079.4	700.0	0.0	-6.1	222.7	4.2	2.8	3.1	302.5	312.0	3.5	33.5	0.8	303
8.2	43.5	3369.5	675.0	-2.9	-6.5	245.0	5.6	5.1	3.4	302.4	312.4	3.5	33.4	0.7	337
9.4	46.4	3667.2	650.0	-5.8	-7.2	256.4	8.9	3.7	-8.1	302.4	312.3	2.6	33.4	0.7	358
10.8	49.4	3973.8	625.0	-8.0	-11.2	256.4	13.4	13.0	-3.6	303.3	311.1	1.1	28.2	1.3	23
13.6	52.5	4292.3	600.0	-10.7	-22.2	291.7	9.3	9.1	-3.6	303.3	311.1	0.9	28.0	1.5	51
15.1	55.8	4624.4	575.0	-13.5	-24.1	299.6	9.3	8.1	-4.6	310.5	313.6	0.7	28.0	2.0	73
16.5	58.7	4967.9	550.0	-16.7	-26.2	299.6	8.0	7.0	-3.5	311.4	314.0	0.6	26.6	2.5	85
18.2	61.9	5323.8	525.0	-19.4	-31.3	300.7	9.8	8.5	-5.0	312.7	314.6	0.5	26.7	3.2	91
19.8	65.1	5692.4	500.0	-21.7	-33.5	309.5	10.7	9.3	-5.3	314.0	315.8	0.5	27.1	4.0	102
21.8	71.9	6075.7	475.0	-24.6	-35.6	288.8	10.5	9.9	-3.4	315.9	317.3	0.3	27.4	5.0	105
23.7	75.3	6475.3	450.0	-27.8	-38.0	285.9	11.9	11.5	-3.3	317.5	318.6	0.2	27.7	6.4	105
25.6	78.9	6894.3	425.0	-31.4	-40.7	291.9	14.1	13.1	-5.3	318.9	319.8	0.2	27.8	8.9	106
27.7	82.6	7332.8	400.0	-35.4	-43.8	294.2	15.0	13.7	-5.2	320.1	320.6	0.2	27.8	10.7	107
29.7	86.4	7793.5	375.0	-39.4	-47.1	294.1	17.7	16.2	-7.2	321.6	321.5	0.2	28.7	12.6	108
31.8	90.3	8278.1	350.0	-40.0	-49.9	290.9	20.3	19.0	-7.1	321.6	321.5	0.2	28.7	15.0	109
34.0	94.3	8789.2	325.0	-44.1	-53.2	289.9	22.7	20.5	-8.5	323.2	323.2	0.2	28.7	17.7	109
36.4	98.7	9330.9	300.0	-49.2	-59.9	292.5	25.6	23.2	-10.7	326.8	326.8	0.2	28.7	20.8	109
39.2	103.0	9908.2	275.0	-53.3	-66.6	287.4	28.1	25.7	-6.9	330.8	330.8	0.2	28.7	24.8	110
42.2	107.8	10527.1	250.0	-57.3	-73.9	287.4	30.1	28.0	-6.7	335.5	335.5	0.2	28.7	29.3	111
45.0	112.7	11199.1	225.0	-61.5	-80.9	271.4	32.8	30.1	-1.6	335.5	335.5	0.2	28.7	33.0	109
48.3	118.2	11937.0	200.0	-65.4	-87.9	273.1	35.8	33.1	0.9	335.5	335.5	0.2	28.7	36.3	104
52.6	124.0	12787.5	175.0	-69.7	-94.9	268.3	38.8	35.7	2.5	335.5	335.5	0.2	28.7	39.6	101
57.0	130.2	13741.0	150.0	-73.7	-101.9	264.4	41.8	38.8	4.9	335.5	335.5	0.2	28.7	42.9	99
62.0	137.3	14901.4	125.0	-78.0	-108.9	263.7	44.8	41.8	7.1	335.5	335.5	0.2	28.7	46.2	98
68.9	145.3	16299.0	100.0	-82.5	-115.9	249.4	47.8	44.8	9.3	335.5	335.5	0.2	28.7	49.5	96
77.9	154.3	18058.1	75.0	-86.8	-122.9	249.4	50.8	47.8	11.6	335.5	335.5	0.2	28.7	52.8	96
92.5	163.3	20815.9	50.0	-91.2	-130.9	267.1	53.8	50.8	13.9	335.5	335.5	0.2	28.7	56.1	96
		25034.3	25.0	-95.2	-138.9	999.9	99.9	99.9	99.9	635.0	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374 WINSLOW, ARIZONA															147 19. 0		
28 MARCH 1982 515 GMT																	
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG		
0.0	22.5	1487.0	850.7	6.7	-0.5	150.0	1.0	-0.5	0.9	233.1	305.0	4.3	60.0	0.0	0.0		
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
0.0	22.6	1493.8	850.0	6.5	-0.7	149.8	1.3	-0.6	1.1	233.4	305.2	4.3	58.4	0.0	11.0		
0.9	25.3	1741.3	825.0	9.8	-3.2	138.2	3.8	-2.5	2.9	238.0	308.4	3.7	39.8	0.0	1.7		
1.8	28.0	1996.6	800.0	8.8	-5.0	133.2	5.8	-4.2	4.0	300.5	310.0	3.3	43.0	0.0	324.0		
2.7	30.7	2258.1	775.0	6.1	-5.5	128.6	5.9	-4.7	3.5	300.4	309.8	3.1	48.7	1.0	313.0		
3.6	33.4	2525.8	750.0	3.8	-6.5	128.8	5.2	-4.0	3.2	300.7	310.3	3.2	55.6	1.0	314.0		
4.7	36.2	2800.1	725.0	1.4	-7.1	139.7	4.7	-3.4	4.0	301.0	310.4	3.2	64.0	1.0	316.0		
5.6	39.0	3081.4	700.0	-1.2	-7.6	152.6	4.2	-2.2	4.2	301.2	310.6	3.2	75.6	1.0	319.0		
6.7	41.9	3370.2	675.0	-3.9	-10.3	168.6	4.2	-0.8	4.1	301.3	310.6	3.2	89.8	2.0	325.0		
7.7	44.8	3667.1	650.0	-5.6	-13.6	227.7	5.0	3.7	3.3	302.6	310.6	2.7	99.9	1.0	337.0		
8.9	47.8	3975.5	625.0	-7.7	-16.6	270.3	6.4	6.4	-0.7	307.1	311.1	1.3	109.9	1.0	352.0		
10.1	50.8	4295.6	600.0	-8.2	-19.3	281.5	6.6	6.6	-1.1	308.3	312.0	1.2	128.9	1.0	352.0		
11.3	53.8	4626.9	575.0	-10.6	-22.7	281.5	6.8	5.8	-1.1	310.4	313.8	1.1	147.9	1.0	352.0		
12.6	56.9	4970.5	550.0	-13.8	-25.1	290.0	8.7	7.9	-2.3	311.9	314.2	0.9	166.4	2.0	352.0		
13.8	60.0	5328.2	525.0	-16.5	-27.9	296.0	8.7	9.8	-2.7	312.9	315.0	0.6	185.4	2.0	352.0		
15.3	63.3	5695.2	500.0	-19.7	-30.0	285.4	11.0	10.8	-2.2	313.6	315.2	0.4	204.4	2.0	352.0		
16.6	66.5	6078.6	475.0	-22.5	-32.7	285.4	13.0	12.5	-2.2	315.0	316.4	0.3	223.4	2.0	352.0		
18.1	69.9	6477.8	450.0	-25.6	-35.1	285.4	13.6	13.4	-2.2	316.2	317.4	0.2	242.4	2.0	352.0		
19.7	73.3	6895.0	425.0	-28.9	-37.8	285.4	15.0	15.0	-1.8	317.4	318.3	0.2	261.4	2.0	352.0		
21.4	76.8	7331.9	400.0	-32.6	-40.4	285.4	17.8	17.7	-1.8	318.5	320.6	0.1	280.4	2.0	352.0		
23.2	80.4	7790.1	375.0	-36.1	-43.5	285.4	20.1	20.0	-1.8	320.0	320.6	0.1	300.4	2.0	352.0		
25.2	84.1	8272.7	350.0	-40.3	-46.2	285.4	22.2	22.2	-1.8	321.1	320.6	0.1	320.4	2.0	352.0		
27.3	88.0	8782.9	325.0	-43.9	-49.9	285.4	23.1	23.1	-1.8	322.5	320.6	0.1	340.4	2.0	352.0		
29.4	92.0	9324.8	300.0	-48.9	-53.6	285.4	23.2	23.2	-1.8	323.5	320.6	0.1	360.4	2.0	352.0		
31.7	96.2	9927.1	275.0	-53.6	-57.1	285.4	23.5	24.3	-1.6	324.4	320.6	0.1	380.4	2.0	352.0		
34.4	100.7	10521.1	250.0	-58.6	-60.9	285.4	23.8	24.3	-1.6	325.3	320.6	0.1	400.4	2.0	352.0		
37.2	105.4	11190.3	225.0	-63.6	-64.7	285.4	23.8	24.8	-1.6	326.1	320.6	0.1	420.4	2.0	352.0		
40.4	110.6	11920.1	200.0	-68.6	-68.6	285.4	23.8	24.8	-1.6	327.0	320.6	0.1	440.4	2.0	352.0		
43.6	116.0	12748.3	175.0	-73.6	-73.6	285.4	23.8	24.8	-1.6	327.8	320.6	0.1	460.4	2.0	352.0		
47.8	122.0	13717.5	150.0	-78.6	-78.6	285.4	23.8	24.8	-1.6	328.6	320.6	0.1	480.4	2.0	352.0		
52.5	128.7	14868.9	125.0	-83.6	-83.6	285.4	23.8	24.8	-1.6	329.4	320.6	0.1	500.4	2.0	352.0		
58.1	136.0	16292.0	100.0	-88.6	-88.6	285.4	23.8	24.8	-1.6	330.2	320.6	0.1	520.4	2.0	352.0		
65.3	144.7	18041.1	75.0	-93.6	-93.6	285.4	23.8	24.8	-1.6	331.0	320.6	0.1	540.4	2.0	352.0		
75.1	155.0	20583.0	50.0	-98.6	-98.6	285.4	23.8	24.8	-1.6	331.8	320.6	0.1	560.4	2.0	352.0		
90.3	165.5	24993.4	25.0	-103.6	-103.6	285.4	23.8	24.8	-1.6	332.6	320.6	0.1	580.4	2.0	352.0		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
28 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.5	1487.0	849.3	3.3	1.2	130.0	3.1	-2.4	2.0	289.7	302.9	4.9	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	23.9	1724.7	825.0	6.3	2.0	208.2	5.9	1.8	4.9	295.2	309.9	5.4	73.8	0.2	35.
1.6	26.4	1979.2	800.0	8.3	-1.3	197.1	8.0	1.8	5.8	300.4	312.7	4.4	49.5	0.5	12.
2.5	29.0	2240.8	775.0	8.3	-2.0	201.5	7.7	2.4	6.1	300.6	312.7	4.3	55.0	0.8	14.
3.4	31.6	2508.7	750.0	3.5	-3.2	201.5	7.7	2.4	6.1	300.6	312.7	4.3	55.0	0.8	14.
4.3	34.2	2782.8	725.0	1.0	-4.4	196.5	9.2	2.6	8.8	300.6	312.7	3.8	61.4	1.6	17.
5.2	36.8	3084.8	700.0	-0.2	-9.8	202.3	8.4	3.2	7.7	302.7	309.9	2.6	67.4	1.6	17.
6.2	39.5	3354.8	675.0	-1.7	-15.1	220.7	7.6	4.9	5.7	302.7	309.9	1.8	73.8	2.6	19.
7.3	42.2	3655.5	650.0	-1.4	-21.1	239.6	8.2	7.1	4.1	307.4	310.6	1.1	79.8	3.0	22.
8.3	45.0	3966.7	625.0	-3.4	-22.7	242.9	8.3	7.4	3.8	308.6	311.8	1.0	86.1	3.0	25.
9.4	47.8	4288.2	600.0	-5.5	-24.6	242.4	9.9	8.8	4.6	309.8	312.5	0.9	92.5	3.3	28.
10.5	50.6	4620.7	575.0	-7.6	-26.2	232.6	11.4	9.1	6.9	311.1	313.6	0.8	99.0	4.8	33.
11.6	53.5	4964.7	550.0	-10.5	-28.0	225.4	10.4	7.9	6.8	311.8	313.9	0.7	106.0	5.3	40.
12.8	56.4	5320.9	525.0	-13.3	-30.4	240.3	10.9	9.5	5.4	312.5	314.4	0.6	113.1	6.0	47.
14.0	59.4	5690.3	500.0	-16.2	-32.4	244.5	13.8	12.5	5.9	313.3	315.0	0.5	120.1	6.9	54.
15.2	62.4	6074.1	475.0	-19.3	-35.2	247.9	14.7	13.6	5.5	314.1	315.5	0.4	127.1	7.9	61.
16.6	65.5	6474.8	450.0	-21.1	-37.2	253.2	15.2	14.6	4.4	314.8	316.0	0.3	134.1	9.0	68.
17.9	68.8	6894.5	425.0	-23.8	-39.8	258.4	15.5	15.2	3.1	318.5	319.5	0.2	141.1	10.1	75.
19.4	72.0	7333.9	400.0	-27.8	-42.9	280.2	15.5	15.2	2.6	318.9	319.7	0.2	148.1	11.4	82.
20.8	75.4	7794.1	375.0	-31.7	-45.8	280.8	17.0	16.8	2.7	319.7	320.3	0.2	155.1	12.6	89.
22.5	79.0	8277.3	350.0	-35.9	-49.4	280.9	20.0	19.7	3.2	320.3	320.7	0.1	162.1	14.4	96.
24.2	82.6	8787.8	325.0	-40.4	-53.9	258.0	21.9	21.2	4.5	321.0	321.4	99.9	169.1	16.1	103.
26.1	86.3	9328.1	300.0	-44.7	-57.9	258.0	21.9	21.4	4.5	322.4	322.8	99.9	176.1	18.8	110.
28.1	90.2	9805.3	275.0	-48.6	-61.9	258.2	25.9	25.1	6.2	323.8	324.2	99.9	183.1	21.6	117.
30.2	94.4	10525.0	250.0	-52.5	-65.9	258.5	28.5	28.2	4.2	325.8	326.2	99.9	190.1	25.1	124.
32.5	98.8	11192.2	225.0	-56.0	-69.9	261.5	29.2	29.0	3.6	326.6	327.0	99.9	197.1	28.6	131.
34.8	103.6	11919.0	200.0	-60.4	-73.9	264.0	31.2	31.0	3.3	330.9	331.3	99.9	204.1	32.9	138.
37.6	108.6	12736.8	175.0	-64.1	-77.9	281.9	33.4	33.4	4.8	330.8	331.2	99.9	211.1	38.0	145.
40.8	114.2	13707.6	150.0	-56.8	-69.9	283.2	30.3	30.1	3.6	372.3	372.7	99.9	218.1	44.6	152.
44.4	120.2	14858.1	125.0	-59.0	-73.9	255.9	25.1	25.1	6.3	388.2	388.6	99.9	225.1	50.5	159.
48.8	127.2	16252.7	100.0	-59.9	-77.9	256.3	22.0	22.0	5.4	412.1	412.5	99.9	232.1	56.8	166.
54.1	135.3	18043.9	75.0	-60.5	-81.9	256.3	21.0	21.0	5.3	446.0	446.4	99.9	239.1	63.2	173.
61.1	141.5	20583.3	50.0	-59.9	-85.9	175.6	5.7	-0.4	5.7	502.4	502.8	99.9	246.1	88.6	180.
77.4	155.0	24967.0	25.0	-55.3	-89.9	132.0	3.6	-2.7	2.4	625.6	626.0	99.9	253.1	99.0	187.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS

27 MARCH 1982  
1100 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	175.0	1007.6	-2.7	-4.4	15.0	3.1	-0.8	-3.0	269.9	276.8	2.7	88.0	0.0	0.0
0.3	6.6	235.2	1000.0	-2.5	-7.1	36.1	17.3	-10.2	-13.9	270.7	276.5	2.2	70.3	0.4	210.
0.9	9.1	435.6	975.0	-4.0	-8.0	36.1	17.2	-10.1	-13.9	271.1	276.6	2.1	73.7	0.4	210.
1.6	11.6	840.0	950.0	-5.8	-11.4	34.0	16.9	-9.4	-13.9	271.3	275.8	1.7	64.2	0.7	213.
2.3	14.1	840.0	925.0	-7.8	-14.5	25.0	16.9	-7.2	-15.4	271.4	274.9	1.3	58.1	1.0	213.
3.1	16.6	1060.9	900.0	-9.2	-14.5	9.3	18.7	-3.0	-18.4	272.1	275.8	1.4	65.2	1.4	210.
3.9	19.2	1278.9	875.0	-8.6	-20.7	355.2	21.3	1.8	-21.2	274.8	277.2	0.8	66.7	1.8	202.
4.6	21.7	1503.6	850.0	-8.8	-22.3	347.6	22.3	4.8	-21.7	276.9	279.0	0.7	32.5	2.3	192.
5.3	24.3	1734.5	825.0	-9.8	-24.3	344.4	22.6	6.1	-21.7	278.3	280.2	0.5	29.1	2.7	190.
6.1	26.9	1971.1	800.0	-11.4	-26.6	342.9	23.5	6.9	-22.4	279.0	280.5	0.5	27.2	3.2	186.
6.9	29.6	2213.9	775.0	-12.9	-28.9	339.9	25.6	8.8	-24.1	279.9	281.2	0.4	24.7	3.7	182.
7.7	32.2	2463.3	750.0	-14.0	-31.1	336.7	30.0	11.8	-27.6	281.4	282.5	0.4	21.7	4.3	179.
8.6	34.8	2720.2	725.0	-14.9	-33.5	333.3	35.6	16.0	-31.8	283.2	284.1	0.3	18.5	5.1	175.
9.5	37.7	2986.2	700.0	-14.2	-35.8	329.0	41.5	21.4	-35.6	286.7	287.7	0.3	17.1	6.1	171.
10.4	40.4	3266.2	675.0	-13.8	-37.8	325.7	47.3	26.6	-39.1	290.3	291.3	0.3	16.4	7.3	167.
11.4	43.2	3549.4	650.0	-12.9	-39.2	324.5	52.9	30.7	-43.1	294.3	295.5	0.4	16.3	8.6	163.
12.4	46.1	3847.9	625.0	-13.8	-41.4	324.0	58.6	34.5	-47.4	296.7	297.8	0.3	16.3	10.3	160.
13.5	48.9	4157.5	600.0	-14.8	-43.8	323.2	63.2	37.9	-50.6	299.0	300.1	0.3	16.3	12.1	158.
14.6	51.9	4478.6	575.0	-16.8	-46.8	322.7	68.5	40.3	-52.9	300.3	301.3	0.3	17.4	14.4	155.
15.9	54.9	4810.9	550.0	-19.1	-49.3	322.6	69.1	42.0	-54.9	301.4	302.3	0.2	18.0	16.8	153.
16.9	57.9	5155.3	525.0	-21.4	-51.8	322.4	71.6	43.8	-56.6	302.7	303.5	0.2	18.7	19.1	152.
18.1	61.0	5513.1	500.0	-23.9	-54.0	322.4	74.4	45.4	-58.9	303.9	304.6	0.2	18.8	21.5	151.
19.4	64.1	5885.8	475.0	-26.6	-56.0	322.4	78.5	47.3	-62.7	305.1	305.7	0.2	19.3	24.4	150.
20.8	67.4	6274.4	450.0	-28.7	-58.2	322.4	83.5	51.8	-66.5	307.2	307.7	0.2	20.1	27.9	148.
22.5	70.7	6681.9	425.0	-30.7	-60.2	321.7	88.5	58.9	-70.6	309.7	310.2	0.1	20.9	32.1	146.
24.3	74.1	7109.4	400.0	-33.8	-62.5	318.3	89.1*	64.4	-81.8	311.1	311.5	0.1	20.0	36.8	145.
26.2	77.7	7559.4	375.0	-36.7	-64.8	308.9	90.7*	70.6	-87.0	313.0	313.3	0.1	20.1	41.8	143.
27.9	81.4	8033.7	350.0	-40.3	-67.3	303.3	93.7*	78.3	-91.4	314.4	314.4	0.1	20.1	46.4	140.
28.8	85.1	8534.5	325.0	-44.0	-69.9	298.7	94.7*	84.6	-94.5	316.1	316.1	0.1	20.1	51.2	138.
31.8	93.2	9069.2	300.0	-46.1	-71.0	292.7	96.4*	88.9	-97.1	320.4	320.4	0.1	20.1	56.8	135.
34.1	97.5	9641.1	275.0	-51.3	-76.8	288.8	97.0*	91.8	-100.3	321.8	321.8	0.1	20.1	62.3	132.
36.7	102.2	10254.4	250.0	-56.0	-81.8	290.2	106.8*	100.3	-106.8	322.8	322.8	0.1	20.1	70.0	130.
39.7	107.0	10928.8	225.0	-58.2	-84.0	294.2	107.3*	97.9	-107.3	332.4	332.4	0.1	20.1	78.5	128.
42.2	112.2	11670.0	200.0	-58.3	-86.1	294.9	87.8*	79.6	-107.3	340.4	340.4	0.1	20.1	86.7	125.
45.8	118.0	12516.2	175.0	-54.1	-88.1	293.3	81.0*	74.4	-107.3	380.6	380.6	0.1	20.1	94.0	123.
49.3	124.3	13509.9	150.0	-51.1	-90.9	294.9	76.1*	69.0	-107.3	382.0	382.0	0.1	20.1	104.8	120.
54.3	131.5	14888.2	125.0	-54.3	-93.9	297.1	61.0*	54.8	-107.3	422.9	422.9	0.1	20.1	113.5	125.
59.8	139.7	16115.6	100.0	-55.7	-96.9	284.7	43.0*	41.6	-107.3	456.1	456.1	0.1	20.1	120.9	123.
66.7	149.0	17954.3	75.0	-53.7	-99.9	292.6	14.9*	14.8	-107.3	517.6	517.6	0.1	20.1	137.0	123.
75.8	158.7	20564.9	50.0	-53.4	-99.9	280.9	11.0*	11.0	-107.3	635.7	635.7	0.1	20.1	151.1	123.
88.4	158.7	25048.2	25.0	-51.6	-99.9	321.4	11.0*	11.0	-107.3	635.7	635.7	0.1	20.1	151.1	123.

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP W/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RTO GM/NG	RH PCT	RANGE NM	AZ DG
0.0	5.9	175.0	1010.4	-1.5	-1.5	999.9	99.9	99.9	99.9	270.9	270.9	0.0	0.0	0.0	0.0
0.3	6.9	257.4	1000.0	-2.1	-10.8	999.9	99.9	99.9	99.9	271.0	275.4	1.7	51.2	999.9	999.9
1.1	9.3	457.9	975.0	-4.1	-10.0	41.3	5.8	-3.8	-4.4	271.0	275.8	1.8	63.8	0.4	228.
1.8	11.8	632.1	950.0	-6.2	-10.8	42.2	5.9	-4.0	-4.4	270.9	275.5	1.8	69.7	0.7	224.
2.7	14.3	870.0	925.0	-8.3	-15.3	52.3	7.9	-6.2	-4.8	270.8	274.2	1.2	58.7	1.0	226.
3.5	16.8	1032.0	900.0	-10.1	-17.5	45.4	8.6	-3.1	-6.1	271.1	274.1	1.1	54.2	1.4	228.
4.3	19.3	1298.0	875.0	-10.0	-17.5	19.1	9.4	-3.1	-8.9	273.4	275.5	0.7	35.2	1.8	225.
5.2	21.9	1523.1	850.0	-9.1	-24.9	2.1	10.7	-0.4	-10.7	278.6	278.4	0.5	28.3	2.3	217.
6.0	24.5	1753.8	825.0	-10.0	-28.2	353.3	11.2	1.3	-11.2	278.1	278.4	0.5	25.1	2.7	209.
6.9	27.0	1990.5	800.0	-11.0	-28.0	354.6	12.0	1.1	-11.2	279.5	279.7	0.5	23.0	3.2	202.
7.7	29.7	2233.9	775.0	-12.3	-30.1	354.5	12.5	1.2	-11.9	280.6	280.9	0.4	20.9	3.8	198.
8.6	32.3	2484.0	750.0	-13.3	-31.5	350.5	14.4	2.4	-14.2	282.2	283.3	0.4	19.7	4.4	194.
9.5	34.9	2741.7	725.0	-13.9	-32.4	344.6	16.8	4.5	-16.2	284.2	288.7	0.3	19.1	5.1	190.
10.4	37.6	3008.4	700.0	-13.5	-32.9	339.8	19.2	6.6	-18.0	287.6	288.7	0.4	18.8	6.1	185.
11.4	40.3	3284.9	675.0	-13.8	-32.9	339.5	20.6	7.2	-19.3	290.2	291.3	0.4	18.0	7.2	181.
12.5	43.1	3571.9	650.0	-13.1	-32.8	338.8	22.7	7.4	-21.4	294.1	295.2	0.4	17.5	8.5	178.
13.6	45.9	3870.4	625.0	-13.2	-32.8	338.8	25.6	9.3	-23.9	297.4	298.6	0.4	17.3	9.9	175.
14.7	48.6	4181.4	600.0	-13.6	-33.3	337.7	28.4	10.8	-26.2	300.2	301.4	0.4	17.3	11.7	172.
15.9	51.7	4503.2	575.0	-16.4	-34.3	337.8	31.4	12.0	-29.0	302.8	303.7	0.4	19.5	13.8	170.
17.0	54.6	4836.3	550.0	-18.1	-35.6	334.0	34.0	14.3	-27.5	304.0	305.0	0.3	19.8	16.0	168.
18.2	57.8	5182.5	525.0	-20.3	-37.6	334.0	36.1	13.1	-26.8	305.1	305.9	0.2	19.4	18.1	165.
19.5	60.8	5541.9	500.0	-22.9	-39.8	335.3	38.7	16.2	-35.2	306.7	307.5	0.2	20.3	20.3	164.
20.8	63.9	5918.1	475.0	-25.2	-41.4	328.3	41.0	17.9	-38.9	309.7	310.4	0.2	20.8	22.5	163.
22.3	67.1	6307.5	450.0	-28.7	-42.5	328.3	43.8	25.3	-40.8	312.5	313.1	0.2	20.5	24.8	161.
23.8	70.4	6718.9	425.0	-28.5	-44.1	328.3	46.9	27.9	-42.9	315.6	316.3	0.1	20.3	27.0	158.
25.3	73.9	7149.8	400.0	-32.4	-47.6	317.0	49.9	27.9	-42.9	318.7	319.4	99.9	21.0	29.2	153.
26.8	77.3	7601.5	375.0	-36.2	-50.5	309.3	52.9	32.2	-43.4	318.9	319.9	99.9	21.0	31.1	151.
28.4	80.9	8078.3	350.0	-39.9	-53.8	298.0	55.9	34.0	-43.4	319.2	319.9	99.9	21.0	33.1	148.
30.0	84.7	8578.3	325.0	-43.8	-56.9	295.8	58.9	36.1	-43.4	320.6	320.9	99.9	21.0	35.1	145.
31.9	88.5	9112.3	300.0	-46.9	-59.9	294.1	61.5	40.0	-43.4	322.2	322.2	99.9	21.0	37.1	142.
33.8	92.7	9632.9	275.0	-51.5	-62.9	294.1	64.5	41.9	-43.4	322.2	322.2	99.9	21.0	39.1	139.
35.0	97.0	10234.9	250.0	-56.4	-65.9	294.1	67.5	43.9	-43.4	322.2	322.2	99.9	21.0	41.1	136.
36.3	101.4	10857.7	225.0	-59.2	-68.9	294.1	70.5	45.9	-43.4	322.2	322.2	99.9	21.0	43.1	133.
38.2	105.3	11500.6	200.0	-58.4	-71.9	294.1	73.5	47.9	-43.4	322.2	322.2	99.9	21.0	45.1	130.
41.1	109.3	12250.6	175.0	-51.9	-75.9	294.1	76.5	49.9	-43.4	322.2	322.2	99.9	21.0	47.1	127.
44.2	113.5	13042.9	150.0	-52.2	-78.9	294.1	79.5	51.9	-43.4	322.2	322.2	99.9	21.0	49.1	124.
47.8	117.2	13870.3	125.0	-55.9	-81.9	294.1	82.5	53.9	-43.4	322.2	322.2	99.9	21.0	51.1	121.
51.9	123.3	14720.3	100.0	-55.9	-84.9	294.1	85.5	55.9	-43.4	322.2	322.2	99.9	21.0	53.1	118.
56.8	130.5	15655.4	75.0	-55.9	-87.9	294.1	88.5	57.9	-43.4	322.2	322.2	99.9	21.0	55.1	115.
63.1	138.7	16681.1	50.0	-52.9	-90.9	294.1	91.5	59.9	-43.4	322.2	322.2	99.9	21.0	57.1	112.
71.6	148.5	20601.1	25.0	-52.9	-93.9	294.1	94.5	61.9	-43.4	322.2	322.2	99.9	21.0	59.1	109.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS

27 MARCH 1982  
1715 GMT

150 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/RG	RH PCT	RANGE RN	AZ DG
0.0	5.8	175.0	1011.9	2.2	-8.2	999.9	99.9	99.9	99.9	274.4	279.8	2.0	46.0	0.0	0.
0.3	7.0	270.1	1000.0	-0.1	-10.3	999.9	99.9	99.9	99.9	272.8	277.7	1.7	46.2	999.9	999.9
1.1	9.6	472.0	975.0	-2.3	-9.9	47.1	5.8	-4.2	-3.9	273.0	277.7	1.8	55.6	0.4	216.
1.9	12.2	677.5	950.0	-4.4	-10.2	50.8	4.4	-4.7	-3.7	272.8	277.7	1.8	63.5	0.7	222.
2.7	14.8	886.9	925.0	-6.3	-11.1	50.8	4.4	-4.7	-3.9	272.9	277.6	1.8	68.8	1.0	224.
3.5	17.5	1100.5	900.0	-8.3	-11.7	50.8	4.4	-4.7	-3.9	273.0	277.6	1.8	83.0	1.3	226.
4.4	20.2	1318.4	875.0	-10.2	-11.7	48.8	6.9	-5.0	-4.7	273.2	277.9	1.8	89.2	1.6	228.
5.1	22.8	1541.8	850.0	-9.1	-24.6	29.8	9.1	-4.5	-7.9	276.6	278.4	0.6	27.5	1.9	229.
6.0	25.6	1773.3	825.0	-8.4	-24.5	22.3	11.4	-5.6	-10.0	279.8	281.6	0.6	26.9	2.4	232.
7.8	31.0	2011.7	800.0	-9.2	-24.8	10.1	12.3	-4.7	-11.4	281.3	283.2	0.6	26.3	3.0	239.
8.4	33.8	2256.5	775.0	-10.6	-26.2	2.5	12.0	-2.1	-11.9	282.5	284.2	0.5	26.3	3.6	246.
9.3	35.6	2508.4	750.0	-11.9	-27.6	13.1	12.0	-0.5	-12.0	283.7	285.3	0.5	26.3	4.1	241.
10.1	39.4	2768.4	725.0	-10.9	-27.3	355.4	13.1	0.8	-13.0	287.5	289.2	0.6	24.5	4.6	247.
11.0	42.4	3037.9	700.0	-11.0	-27.3	355.4	13.1	1.3	-15.0	290.3	292.1	0.6	24.5	5.3	253.
12.1	45.3	3317.8	675.0	-10.2	-26.9	351.9	15.6	1.3	-16.5	294.2	296.2	0.6	24.0	6.0	259.
13.1	48.3	3608.7	650.0	-9.9	-26.6	345.2	19.3	4.9	-18.7	297.7	299.8	0.7	24.0	7.1	264.
14.0	51.3	3910.8	625.0	-10.9	-27.1	341.9	21.8	8.7	-20.5	300.0	302.1	0.7	24.9	8.1	269.
15.1	54.4	4223.1	600.0	-13.0	-28.6	338.3	22.5	9.7	-20.2	301.1	303.0	0.6	25.6	9.2	276.
16.1	57.5	4546.4	575.0	-15.0	-30.1	334.4	23.0	11.1	-20.3	302.5	304.2	0.5	25.9	10.4	282.
17.2	60.6	4881.2	550.0	-16.9	-31.8	331.0	23.1	9.9	-20.1	304.1	305.7	0.5	26.0	11.7	289.
18.4	63.9	5229.1	525.0	-19.3	-33.7	334.5	23.1	7.9	-20.9	305.3	306.6	0.4	26.3	13.0	296.
19.9	67.3	5580.1	500.0	-21.5	-35.0	332.5	25.2	7.9	-25.0	306.8	308.1	0.3	26.1	14.7	303.
21.3	70.7	5987.3	475.0	-22.9	-36.8	335.4	27.0	11.2	-24.5	309.9	310.8	0.3	26.1	17.1	310.
22.7	74.3	6362.2	450.0	-25.3	-38.9	333.9	27.6	16.3	-22.3	311.5	312.5	0.3	26.6	19.1	318.
24.1	77.8	6774.4	425.0	-28.6	-41.5	320.0	29.2	19.1	-22.8	312.4	313.2	0.2	27.5	21.3	326.
25.8	81.4	7205.5	400.0	-32.4	-44.7	317.2	29.2	19.1	-21.4	312.9	314.1	0.1	28.2	23.6	333.
27.4	85.1	7657.4	375.0	-35.9	-47.7	313.2	30.1	21.9	-23.3	315.3	316.6	0.1	28.2	26.0	341.
29.1	89.0	8132.8	350.0	-39.7	99.9	308.5	33.2	26.0	-20.6	318.2	319.9	99.9	99.9	29.0	349.
30.9	93.2	8635.7	325.0	-43.1	99.9	305.1	33.0	27.0	-19.0	317.3	318.9	99.9	99.9	32.1	356.
32.7	97.3	9159.6	300.0	-47.7	99.9	307.7	35.2	27.5	-23.6	320.8	322.5	99.9	99.9	35.0	364.
34.8	101.8	10352.6	275.0	-51.4	99.9	307.7	35.2	27.5	-23.6	323.5	325.2	99.9	99.9	38.0	372.
36.9	106.5	11019.8	250.0	-55.5	99.9	309.3	35.6	27.6	-22.6	326.6	328.3	99.9	99.9	41.0	380.
39.4	111.4	11763.5	225.0	-57.4	99.9	301.8	38.8	28.7	-17.8	330.6	332.3	99.9	99.9	44.0	388.
42.2	116.7	12615.9	200.0	-57.7	99.9	294.3	39.0	35.6	-16.1	334.1	335.8	99.9	99.9	47.0	396.
45.5	122.5	13604.4	175.0	-54.9	99.9	291.9	33.7	31.2	-12.6	339.3	341.0	99.9	99.9	50.0	404.
49.4	128.7	14782.2	150.0	-52.5	99.9	295.1	33.9	30.7	-9.5	343.7	345.4	99.9	99.9	53.0	412.
54.2	135.5	16218.7	125.0	-52.6	99.9	291.6	25.9	24.1	-8.1	348.0	349.7	99.9	99.9	56.0	420.
60.1	143.0	18061.4	100.0	-54.8	99.9	290.0	23.7	22.3	-5.5	422.0	423.7	99.9	99.9	59.0	428.
66.1	151.3	20679.6	75.0	-53.7	99.9	281.3	15.3	14.3	-1.8	460.3	462.0	99.9	99.9	62.0	436.
69.9	99.9	99.9	25.0	-52.5	99.9	261.9	13.2	13.0	99.9	519.9	521.6	99.9	99.9	65.0	444.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 433  
SALEM, ILLINOIS  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	175.0	1010.8	3.4	-8.9	999.9	99.9	99.9	99.9	275.7	280.9	1.9	40.0	0.0	0.0
0.2	6.7	231.8	1000.0	1.6	-9.2	999.9	99.9	99.9	99.9	274.7	279.8	1.9	44.6	999.9	999.9
0.8	9.3	485.0	975.0	-0.5	-8.9	999.9	99.9	99.9	99.9	274.6	279.5	2.0	52.8	0.3	230.0
1.8	12.0	671.7	950.0	-2.8	-9.7	64.0	4.8	-4.3	-2.0	274.3	279.5	1.9	59.1	0.8	238.0
2.6	14.5	882.5	925.0	-4.8	-9.5	64.7	4.8	-4.3	-2.0	274.4	279.7	2.0	59.4	0.8	238.0
3.5	17.1	1097.3	900.0	-6.7	-10.0	48.0	8.0	-4.5	-4.0	274.6	279.9	2.0	77.4	1.1	238.0
4.3	19.8	1316.6	875.0	-8.3	-13.1	51.7	8.3	-5.0	-3.9	275.1	279.5	1.6	68.8	1.4	238.0
5.0	22.4	1541.5	850.0	-8.1	-14.4	53.6	7.9	-6.3	-6.0	279.3	280.9	0.6	23.4	2.0	238.0
5.7	25.2	1773.2	825.0	-8.8	-15.9	45.3	8.6	-6.1	-6.0	280.4	282.0	0.6	24.9	2.4	238.0
6.5	27.9	2010.9	800.0	-10.1	-18.3	32.3	8.4	-4.5	-7.1	283.5	285.1	0.5	22.1	2.8	228.0
7.3	30.7	2255.6	775.0	-9.6	-17.2	18.4	8.7	-2.7	-8.2	287.1	288.7	0.5	20.7	3.1	228.0
8.0	33.4	2509.6	750.0	-8.7	-17.2	12.4	9.7	-2.1	-9.4	287.1	288.7	0.5	20.4	3.5	220.0
8.9	36.2	2772.2	725.0	-8.4	-17.0	6.0	10.2	-1.1	-11.2	287.1	288.7	0.6	20.4	3.5	220.0
9.7	39.1	3044.4	700.0	-8.4	-17.0	357.8	11.2	0.4	-11.2	287.1	288.7	0.6	20.4	4.5	208.0
10.6	42.0	3328.5	675.0	-8.2	-16.9	350.0	13.0	2.3	-12.8	288.4	288.4	0.6	21.9	5.0	208.0
11.5	44.9	3619.1	650.0	-9.2	-17.0	343.3	14.8	4.2	-14.8	288.6	288.6	0.6	23.5	5.8	198.0
12.5	47.9	3921.2	625.0	-11.2	-18.0	338.3	16.0	5.9	-14.8	289.8	289.8	0.6	24.9	6.6	198.0
13.6	50.9	4233.6	600.0	-12.8	-18.7	330.3	17.1	8.5	-15.4	303.3	303.2	0.6	25.5	7.4	185.0
14.6	54.0	4557.2	575.0	-14.1	-19.8	327.8	18.2	9.7	-15.4	303.5	303.2	0.6	25.5	8.4	181.0
15.6	57.1	4893.3	550.0	-16.5	-21.6	331.8	19.4	8.5	-17.5	304.0	306.5	0.4	25.8	9.5	171.0
16.7	60.4	5241.2	525.0	-19.3	-24.0	334.1	19.5	8.5	-17.5	305.2	306.5	0.4	25.8	10.7	125.0
17.8	63.6	5602.7	500.0	-20.9	-25.3	337.5	19.8	7.8	-18.3	307.6	308.9	0.4	25.8	12.2	125.0
18.8	66.9	5980.7	475.0	-22.7	-25.3	335.8	22.1	9.1	-20.1	309.9	311.7	0.3	25.8	13.9	125.0
19.1	69.3	6375.0	450.0	-25.8	-28.9	333.1	23.7	10.7	-21.1	310.8	311.7	0.3	25.8	15.8	168.0
20.3	70.3	6786.8	425.0	-29.2	-32.4	332.1	24.0	11.0	-21.2	311.9	312.3	0.2	26.3	17.6	168.0
21.7	73.3	7216.8	400.0	-32.5	-35.3	332.3	23.5	11.0	-20.8	312.8	313.3	0.2	26.4	19.7	165.0
23.0	77.3	7668.2	375.0	-36.2	-38.3	334.4	24.6	10.2	-23.8	313.8	314.2	0.1	26.9	22.0	164.0
24.5	81.0	8143.5	350.0	-39.9	-41.3	336.7	25.9	10.2	-23.8	315.0	315.9	99.9	99.9	24.3	163.0
26.0	84.8	8645.8	325.0	-43.7	-44.0	327.3	23.4	12.6	-19.7	316.5	316.5	99.9	99.9	26.6	161.0
27.7	88.7	9179.1	300.0	-47.8	-47.8	327.3	24.4	16.8	-20.2	318.0	318.0	99.9	99.9	28.9	159.0
29.3	92.8	9746.8	275.0	-53.1	-53.1	316.4	27.0	17.9	-20.2	318.3	318.3	99.9	99.9	31.7	157.0
31.0	97.0	10356.5	250.0	-58.7	-58.7	316.6	28.8	18.4	-19.5	318.3	318.3	99.9	99.9	34.5	155.0
32.8	101.5	11023.0	225.0	-58.1	-59.9	300.4	28.0	22.4	-13.2	318.3	318.3	99.9	99.9	37.6	151.0
34.1	111.2	11761.5	200.0	-58.3	-59.9	291.0	29.2	27.2	-10.5	318.3	318.3	99.9	99.9	41.3	147.0
35.9	116.6	12608.8	175.0	-56.2	-59.9	289.7	30.5	28.7	-10.2	317.2	317.2	99.9	99.9	46.3	142.0
42.8	122.7	13592.7	150.0	-53.7	-59.9	290.6	31.4	29.9	-11.0	315.0	315.0	99.9	99.9	52.0	139.0
46.8	128.7	14758.5	125.0	-54.9	-59.9	292.3	29.1	26.9	-9.3	315.0	315.0	99.9	99.9	59.0	135.0
51.4	135.7	16181.6	100.0	-56.5	-59.9	292.6	24.1	22.3	-7.0	315.0	315.0	99.9	99.9	64.7	133.0
56.8	143.2	18015.5	75.0	-58.1	-59.9	292.4	18.3	16.9	-5.7	315.0	315.0	99.9	99.9	71.0	131.0
63.9	151.3	20605.6	50.0	-52.3	-59.9	302.8	10.5	8.9	-5.7	315.0	315.0	99.9	99.9	70.6	130.0
75.5	160.3	25114.3	25.0	-49.9	-59.9	148.8	12.1	-6.5	10.1	315.0	315.0	99.9	99.9	70.6	130.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RH PCT	RANGE KM	8. 0
0.0	5.3	175.0	1010.3	2.8	-8.8	20.0	4.1	-1.4	-3.9	275.2	280.3	1.9	42.0	0.0	0.0
0.2	8.9	258.0	1000.0	2.4	-7.8	39.0	6.0	-3.9	-4.3	275.6	281.2	2.1	46.9	0.2	217.
1.1	9.6	461.0	975.0	0.4	-7.8	42.4	5.8	-3.9	-4.3	275.5	281.2	2.2	54.4	0.4	218.
2.0	12.2	869.5	950.0	-1.5	-8.1	56.7	5.1	-4.3	-2.8	275.7	281.2	2.2	60.5	0.7	222.
3.6	15.0	881.0	925.0	-3.7	-8.6	55.0	4.0	-3.0	-2.5	275.8	281.2	2.2	69.0	0.9	227.
4.3	17.7	1096.8	900.0	-5.8	-8.9	50.3	4.0	-3.0	-2.5	275.8	281.2	2.2	78.6	1.1	228.
5.0	20.4	1316.9	875.0	-7.9	-9.0	58.6	5.0	-4.2	-3.5	275.8	281.4	1.9	81.5	1.3	238.
5.9	23.1	1541.4	850.0	-9.4	-11.9	53.7	5.9	-4.7	-3.5	275.8	280.8	1.9	88.6	1.5	239.
6.8	25.9	1772.3	825.0	-9.4	-22.7	46.8	6.2	-4.9	-6.2	278.7	280.8	0.7	92.2	1.8	239.
7.5	28.7	2009.8	800.0	-10.0	-22.3	40.9	8.4	-5.5	-7.1	280.5	282.6	0.7	92.2	2.1	239.
8.3	31.6	2255.2	775.0	-8.6	-22.5	31.8	8.4	-4.4	-7.1	284.5	286.9	0.8	91.5	2.6	227.
9.2	34.4	2510.0	750.0	-7.3	-21.2	18.0	8.6	-2.7	-8.2	288.7	291.4	0.9	91.5	3.0	224.
10.1	37.2	2774.4	725.0	-7.0	-21.0	18.2	9.9	-1.4	-9.8	291.8	294.7	1.0	91.6	3.4	220.
11.2	40.1	3048.3	700.0	-6.4	-20.5	356.8	11.8	0.6	-11.6	295.4	298.6	1.1	91.6	3.9	214.
12.2	43.1	3332.5	675.0	-7.0	-20.5	348.7	13.8	2.7	-13.8	297.9	301.2	1.1	93.0	4.5	207.
13.2	46.1	3626.1	650.0	-8.5	-21.6	338.0	14.2	5.6	-13.8	299.4	302.6	1.0	93.7	5.2	200.
14.2	49.1	3929.2	625.0	-10.5	-23.4	331.8	16.2	7.2	-14.4	300.5	303.3	0.9	93.7	5.9	194.
15.2	52.1	4242.4	600.0	-12.2	-24.8	326.6	18.4	9.0	-13.7	302.0	304.7	0.8	94.0	6.6	188.
16.2	55.3	4567.0	575.0	-13.8	-26.2	325.8	15.5	8.5	-12.0	303.8	306.3	0.8	94.2	7.4	182.
17.2	58.4	4903.5	550.0	-18.0	-28.1	327.6	14.2	7.7	-12.1	305.1	307.3	0.7	94.7	8.2	179.
18.7	61.6	5252.0	525.0	-18.7	-30.4	331.2	14.2	6.8	-12.4	305.8	307.8	0.6	94.7	9.1	175.
20.0	68.3	5991.7	500.0	-20.9	-32.2	334.9	15.1	6.5	-13.7	307.6	309.3	0.5	95.0	10.0	172.
21.4	71.7	6325.9	475.0	-23.2	-34.4	336.2	16.0	6.5	-14.6	309.3	310.7	0.4	95.0	11.2	171.
22.8	75.1	6798.1	450.0	-25.4	-36.5	335.9	18.1	7.4	-18.5	311.3	312.6	0.4	94.2	12.6	170.
24.4	78.7	7229.3	425.0	-28.8	-39.6	332.1	17.6	8.3	-15.6	312.2	313.1	0.3	94.2	14.0	168.
25.9	82.5	7631.7	400.0	-32.0	-42.4	332.2	19.3	8.1	-17.6	313.4	314.2	0.2	94.2	15.7	166.
27.7	86.3	8157.6	375.0	-35.7	-45.7	334.6	18.0	7.7	-18.2	314.4	315.0	0.2	94.4	17.5	165.
29.8	90.3	8650.6	350.0	-39.7	-49.9	330.5	19.1	9.4	-18.6	315.2	315.9	0.2	94.9	19.3	164.
31.5	94.3	9194.0	325.0	-43.5	-53.9	329.2	18.8	9.5	-18.9	316.8	317.8	0.2	95.0	21.5	163.
33.5	98.7	9762.3	300.0	-47.8	-59.9	323.6	20.2	10.7	-14.5	318.8	319.9	0.2	95.0	23.7	161.
36.0	103.2	10371.8	275.0	-52.8	-66.9	322.6	20.2	12.3	-16.2	320.8	321.9	0.2	95.0	25.7	159.
38.4	108.0	11035.9	250.0	-55.7	-73.9	313.4	19.4	14.1	-13.4	323.3	324.4	0.2	95.0	28.6	158.
41.1	113.0	11771.8	225.0	-60.1	-80.9	294.0	21.7	19.6	-8.8	326.5	327.6	0.2	95.0	30.9	155.
44.2	118.4	12616.6	200.0	-57.2	-88.9	287.7	28.0	25.3	-8.1	329.3	330.4	0.2	95.0	33.6	150.
47.7	124.0	13599.0	175.0	-54.5	-96.9	288.1	28.0	27.6	-10.2	335.6	336.7	0.2	95.0	37.7	144.
51.9	130.3	14761.8	150.0	-55.8	-99.9	289.9	28.8	28.0	-11.1	337.1	338.2	0.2	95.0	42.8	140.
56.8	137.3	16177.8	125.0	-56.3	-99.9	292.8	28.8	28.4	-10.5	339.3	340.4	0.2	95.0	49.1	135.
63.1	145.0	18002.3	100.0	-58.3	-99.9	295.2	24.5	22.2	-9.0	341.8	342.9	0.2	95.0	57.0	130.
71.7	153.3	20594.9	75.0	-58.7	-99.9	299.7	17.2	16.8	-3.5	344.2	345.3	0.2	95.0	63.8	128.
84.8	162.3	25076.6	25.0	-52.0	-99.9	302.4	3.7	4.0	-2.5	635.7	636.8	0.2	95.0	73.4	128.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS  
28 MARCH 1982  
215 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	6.0	175.0	1010.5	0.8	-1.0	999.9	99.9	99.9	99.9	272.9	272.9	0.0	0.0	160	0
0.3	7.0	258.9	1000.0	0.7	-9.8	999.9	99.9	99.9	99.9	273.8	273.8	0.0	45.2	999.9	999.9
0.9	9.8	461.8	975.0	-0.6	-10.5	999.9	99.9	99.9	99.9	274.5	274.5	1.8	47.0	0.4	241
1.8	12.3	688.6	950.0	-2.8	-10.1	56.2	8.0	-5.0	-3.4	274.6	274.6	1.8	56.0	0.6	239
2.3	15.0	879.4	925.0	-4.7	-10.9	56.2	4.9	-3.8	-3.1	274.8	274.8	1.8	61.5	0.9	238
3.0	17.8	1094.7	900.0	-6.1	-11.8	43.8	4.2	-2.9	-3.1	275.3	275.3	1.7	63.7	1.1	236
3.7	20.3	1314.4	875.0	-8.1	-16.0	52.1	4.5	-3.5	-2.7	275.3	275.3	1.3	63.7	1.2	234
4.5	23.1	1538.8	850.0	-9.0	-29.1	57.8	6.7	-5.7	-3.8	276.8	276.8	0.4	17.7	1.5	235
5.2	25.8	1769.8	825.0	-9.2	-28.8	54.3	7.8	-6.3	-4.5	278.9	280.1	0.4	18.6	1.8	235
6.0	28.5	2008.0	800.0	-8.2	-28.9	49.1	7.4	-5.6	-4.8	282.5	283.7	0.5	16.5	2.2	235
6.7	31.2	2255.0	775.0	-7.0	-28.2	37.0	7.2	-4.3	-5.8	289.2	289.2	0.5	18.3	2.5	233
7.5	34.1	2510.8	750.0	-6.8	-28.1	23.0	7.4	-2.9	-7.8	292.5	290.8	0.6	17.2	3.1	232
8.4	36.9	2775.5	725.0	-6.4	-27.2	11.5	8.0	-1.6	-9.2	295.3	294.2	0.6	18.1	3.5	222
9.2	39.8	3050.1	700.0	-6.0	-26.4	0.3	9.2	-0.1	-10.9	298.1	297.8	0.6	20.2	3.8	216
10.1	42.7	3334.6	675.0	-6.7	-25.7	350.0	11.0	1.9	-12.7	299.7	300.3	0.7	21.4	4.3	210
10.9	45.6	3628.3	650.0	-8.2	-26.4	345.0	13.2	3.4	-13.5	301.1	301.9	0.8	20.5	4.8	204
11.8	48.6	3931.9	625.0	-9.9	-28.3	337.6	14.6	5.6	-12.9	302.6	304.3	0.5	20.6	5.4	198
12.8	51.8	4245.7	600.0	-11.7	-29.8	327.8	15.2	8.1	-11.1	303.7	305.2	0.5	21.0	6.0	189
13.8	54.8	4570.3	575.0	-13.9	-31.4	320.5	14.4	9.2	-10.5	305.0	306.4	0.4	21.7	6.3	183
15.0	57.9	4906.5	550.0	-16.1	-32.9	320.0	13.7	8.8	-10.7	305.8	307.0	0.4	22.9	7.4	178
16.1	61.1	5255.1	525.0	-18.9	-34.8	320.4	13.9	8.3	-11.8	308.5	307.9	0.3	24.1	8.2	173
17.4	64.4	5618.7	500.0	-21.6	-36.6	321.2	14.9	9.0	-13.4	308.5	309.5	0.3	24.0	9.3	170
18.6	67.8	5992.1	475.0	-23.8	-38.6	325.2	16.1	9.5	-13.0	310.1	311.0	0.2	24.1	10.4	167
19.8	71.1	6385.9	450.0	-26.3	-40.7	317.5	18.1	10.5	-11.4	311.2	311.8	0.2	24.1	11.5	164
21.2	74.7	6790.8	425.0	-29.5	-43.8	317.5	15.5	10.4	-11.7	313.1	313.8	0.1	23.6	12.6	162
22.4	78.3	7227.0	400.0	-32.3	-46.1	318.3	15.7	10.4	-11.2	313.1	314.2	0.1	24.5	13.9	160
23.9	82.0	7678.7	375.0	-36.2	-49.2	317.2	14.8	10.0	-10.8	314.6	315.7	99.9	999.9	15.2	158
25.5	85.8	8153.5	350.0	-40.2	-51.9	314.5	14.4	10.3	-10.1	315.7	316.6	99.9	999.9	16.7	156
27.3	89.7	8654.7	325.0	-44.2	-54.8	312.1	13.2	9.5	-9.1	316.7	317.7	99.9	999.9	18.1	154
29.2	93.8	9185.7	300.0	-48.8	-58.9	312.1	13.1	9.7	-8.8	316.7	317.7	99.9	999.9	19.7	152
31.3	98.2	9750.3	275.0	-54.2	-64.0	289.9	13.8	12.0	-4.7	321.1	321.1	99.9	999.9	21.2	150
33.5	102.8	10357.4	250.0	-57.2	-69.9	289.9	13.8	16.8	-6.0	325.8	325.8	99.9	999.9	22.9	146
35.9	107.4	11016.9	225.0	-60.5	-75.9	289.9	17.8	22.4	-7.1	329.0	329.0	99.9	999.9	25.3	142
38.4	112.5	11751.1	200.0	-59.2	-79.9	286.5	23.5	25.0	-7.4	335.9	335.9	99.9	999.9	29.3	137
41.5	117.8	12592.5	175.0	-57.0	-86.3	290.4	28.4	26.7	-9.9	353.1	353.1	99.9	999.9	34.7	132
44.9	123.5	13570.5	150.0	-56.3	-91.9	292.1	27.0	25.0	-10.1	392.8	392.8	99.9	999.9	41.0	129
49.1	129.7	14725.7	125.0	-56.4	-99.9	293.3	24.5	22.5	-9.7	416.8	416.8	99.9	999.9	48.5	127
54.1	136.7	16134.9	100.0	-57.4	-107.4	295.2	18.1	16.3	-7.7	449.2	449.2	99.9	999.9	58.3	125
60.0	144.0	17944.7	75.0	-59.0	-115.4	295.2	17.6	17.0	-3.0	515.5	515.5	99.9	999.9	63.1	124
68.4	152.3	20515.2	50.0	-54.4	-124.7	330.5	8.8	3.3	-5.9	627.7	627.7	99.9	999.9	65.3	124
81.3	160.7	24952.3	25.0	-54.7	-130.5	330.5	8.8	3.3	-5.9	627.7	627.7	99.9	999.9	65.3	124

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 433  
SALEM, ILLINOIS

28 MARCH 1982  
5:5 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	175.0	1011.5	0.0	-1.0	999.9	99.9	99.9	99.9	272.3	272.3	0.0	0.0	0.0	0.0
0.3	7.1	265.5	1000.0	-0.4	-7.0	999.9	99.9	99.9	99.9	272.7	278.6	2.3	61.1	999.9	99.9
1.0	9.8	438.9	975.0	-1.4	-8.3	999.9	99.9	99.9	99.9	273.8	279.1	2.0	56.8	0.5	239.
1.7	12.4	675.3	950.0	-3.0	-9.3	74.5	6.9	-6.6	-1.8	274.2	279.4	2.0	56.7	0.8	242.
2.4	15.1	895.9	925.0	-4.7	-10.0	94.4	4.9	-5.2	0.1	274.5	279.6	1.9	66.7	1.1	247.
3.2	17.8	1100.9	900.0	-6.6	-10.9	94.4	4.9	-4.9	0.4	274.7	279.6	1.8	71.3	1.2	252.
3.9	20.4	1300.5	875.0	-7.0	-18.8	80.0	4.3	-4.5	-0.8	276.5	279.6	1.1	44.1	1.4	255.
4.7	23.2	1566.9	850.0	-6.9	-25.2	73.7	4.3	-4.5	-1.2	278.9	280.6	0.6	21.6	1.6	254.
5.4	26.0	1780.0	825.0	-6.2	-26.1	68.7	4.9	-4.6	-1.7	283.1	283.7	0.5	18.8	1.8	254.
6.1	28.8	2021.1	800.0	-5.5	-26.5	57.5	5.3	-4.4	-2.8	285.3	287.1	0.6	18.8	2.1	253.
6.9	31.6	2270.4	775.0	-5.0	-25.1	38.0	5.1	-4.4	-4.0	286.4	290.3	0.6	18.8	2.3	251.
7.8	34.5	2528.1	750.0	-5.1	-25.2	10.9	5.5	-1.0	-5.4	291.0	293.0	0.7	18.8	2.5	246.
8.6	37.3	2794.3	725.0	-5.1	-25.2	1.4	6.4	-0.2	-6.4	293.9	296.0	0.7	18.8	2.8	234.
9.5	40.3	3099.9	700.0	-5.4	-24.9	358.8	8.1	0.5	-8.1	298.5	298.7	0.9	19.8	3.1	225.
10.5	43.2	3355.0	675.0	-6.1	-23.1	355.0	9.5	0.8	-9.4	298.8	301.5	0.8	24.5	3.5	219.
11.3	46.1	3618.5	650.0	-7.7	-24.2	350.1	9.7	1.7	-10.1	300.2	302.8	0.7	25.3	3.9	211.
12.4	49.1	3893.5	625.0	-9.6	-25.7	344.1	10.5	2.9	-11.1	301.5	303.9	0.7	25.3	4.3	205.
13.4	52.3	4267.6	600.0	-11.6	-27.4	335.2	12.2	5.1	-10.4	304.1	306.1	0.6	25.5	4.8	197.
14.4	55.3	4592.7	575.0	-13.5	-29.1	324.6	12.9	7.5	-10.4	305.3	307.0	0.5	25.5	5.3	190.
15.5	58.5	4929.3	550.0	-15.8	-31.0	318.5	12.7	8.4	-9.5	308.7	308.2	0.4	25.7	5.9	184.
16.6	61.8	5278.4	525.0	-18.1	-33.0	316.6	13.1	9.0	-9.5	307.5	308.8	0.4	25.7	6.6	177.
17.9	64.9	5640.9	500.0	-20.9	-35.4	322.7	12.7	7.7	-10.1	308.4	309.5	0.3	27.4	7.4	173.
19.2	68.4	6017.8	475.0	-23.9	-37.3	321.1	12.3	7.7	-9.6	310.9	311.9	0.3	27.4	8.3	169.
20.5	71.9	6411.4	450.0	-25.7	-38.9	323.4	12.6	7.5	-10.1	312.5	313.8	0.2	27.3	9.4	166.
22.1	75.4	6825.6	425.0	-28.5	-41.5	323.4	13.0	7.5	-10.6	313.2	313.8	0.2	26.8	10.6	161.
23.8	79.0	7254.7	400.0	-32.2	-44.8	321.7	12.8	7.9	-10.7	314.6	315.1	0.1	26.5	11.6	161.
25.2	82.7	7707.6	375.0	-35.5	-47.9	311.7	12.8	8.8	-7.7	315.0	315.9	99.9	99.9	12.7	159.
26.9	86.5	8183.6	350.0	-39.9	-49.9	308.8	11.4	9.1	-6.8	315.7	315.9	99.9	99.9	13.9	156.
28.7	90.5	8684.9	325.0	-44.2	-49.9	306.1	10.3	9.0	-5.0	316.2	316.2	99.9	99.9	15.0	151.
30.7	94.7	9215.9	300.0	-49.0	-49.9	299.0	10.3	9.2	-2.4	317.9	317.9	99.9	99.9	16.7	147.
32.8	99.0	9780.8	275.0	-53.4	-49.9	284.7	9.5	12.3	-2.1	320.1	320.1	99.9	99.9	18.3	143.
34.9	103.4	10388.9	250.0	-57.9	-49.9	279.4	12.5	14.6	-5.0	325.9	325.9	99.9	99.9	20.7	139.
37.4	108.2	11047.8	225.0	-60.5	-49.9	288.9	15.4	19.9	-6.4	330.2	330.2	99.9	99.9	24.6	133.
39.9	113.2	11763.7	200.0	-58.5	-49.9	287.8	21.0	23.8	-7.3	338.2	338.2	99.9	99.9	28.7	129.
43.1	118.6	12830.4	175.0	-56.0	-49.9	286.0	24.9	24.1	-7.8	342.6	342.6	99.9	99.9	35.7	125.
46.7	124.4	13610.1	150.0	-56.0	-49.9	286.0	25.4	24.9	-9.1	348.6	348.6	99.9	99.9	43.2	123.
50.8	130.7	14768.5	125.0	-56.2	-49.9	290.4	26.5	22.5	-9.1	450.2	450.2	99.9	99.9	50.4	121.
55.8	137.5	16180.4	100.0	-56.5	-49.9	292.0	24.3	16.3	-6.5	450.2	450.2	99.9	99.9	57.0	121.
62.0	145.3	17995.5	75.0	-58.8	-49.9	291.7	17.6	8.3	-1.2	634.8	634.8	99.9	99.9	58.4	120.
70.2	153.7	20564.7	50.0	-55.2	-49.9	278.5	8.3	-4.1	-3.0						
83.1	162.3	25011.3	25.0	-52.3	-49.9	53.5	5.1								

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS

28 MARCH 1982  
1140 GMT

152 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	175.0	1011.8	-3.2	-6.1	99.9	99.9	99.9	99.9	289.1	275.1	2.4	80.0	999.9	999.9
0.4	7.2	268.1	1000.0	-2.7	-7.1	99.9	99.9	99.9	99.9	270.4	275.2	2.2	71.9	999.9	999.9
1.0	9.6	459.0	975.0	-2.6	-11.1	99.9	99.9	99.9	99.9	272.5	277.0	1.7	52.0	999.9	999.9
1.7	12.1	674.6	950.0	-3.8	-12.1	99.9	99.9	99.9	99.9	273.3	277.6	1.6	52.5	999.9	999.9
2.5	14.6	884.6	925.0	-5.1	-12.3	99.9	99.9	99.9	99.9	274.1	278.4	1.6	56.6	999.9	999.9
3.1	17.1	1099.8	900.0	-5.7	-16.8	99.9	99.9	99.9	99.9	275.6	278.8	1.1	41.3	999.9	999.9
3.9	19.6	1320.5	875.0	-5.3	-26.0	99.9	99.9	99.9	99.9	278.3	278.8	0.5	17.8	999.9	999.9
4.6	22.1	1548.9	850.0	-3.6	-25.1	99.9	99.9	99.9	99.9	282.4	284.1	0.6	16.9	999.9	999.9
5.4	24.7	1784.8	825.0	-3.3	-24.9	99.9	99.9	99.9	99.9	285.1	286.9	0.7	16.9	999.9	999.9
6.2	27.3	2028.4	800.0	-2.6	-24.3	99.9	99.9	99.9	99.9	288.4	290.4	0.7	16.9	999.9	999.9
7.1	29.9	2280.1	775.0	-2.3	-24.1	99.9	99.9	99.9	99.9	291.3	292.4	0.7	16.9	999.9	999.9
7.8	32.5	2540.4	750.0	-2.5	-24.2	99.9	99.9	99.9	99.9	293.9	295.1	0.7	17.6	999.9	999.9
8.7	35.2	2808.7	725.0	-3.7	-24.8	99.9	99.9	99.9	99.9	295.4	297.6	0.7	18.1	999.9	999.9
9.5	37.9	3085.0	700.0	-5.1	-25.6	99.9	99.9	99.9	99.9	298.9	300.0	0.8	23.9	999.9	999.9
10.5	40.7	3389.7	675.0	-7.2	-24.3	99.9	99.9	99.9	99.9	298.4	300.8	0.8	27.0	999.9	999.9
11.3	43.4	3692.7	650.0	-9.4	-24.8	99.9	99.9	99.9	99.9	299.9	302.1	0.7	25.4	999.9	999.9
12.3	46.2	3994.8	625.0	-10.9	-27.9	99.9	99.9	99.9	99.9	301.1	303.2	0.6	27.2	999.9	999.9
13.2	49.1	4277.3	600.0	-13.0	-29.7	99.9	99.9	99.9	99.9	302.2	304.0	0.6	26.8	999.9	999.9
14.2	52.0	4600.0	575.0	-15.2	-31.4	99.9	99.9	99.9	99.9	304.1	305.7	0.5	23.2	999.9	999.9
15.5	55.0	4924.9	550.0	-18.0	-33.9	99.9	99.9	99.9	99.9	306.8	308.1	0.4	22.4	999.9	999.9
16.7	58.1	5283.7	525.0	-20.5	-36.4	99.9	99.9	99.9	99.9	308.0	309.2	0.3	22.4	999.9	999.9
18.0	61.1	5646.7	500.0	-23.7	-38.4	99.9	99.9	99.9	99.9	308.6	309.5	0.3	22.7	999.9	999.9
19.3	64.4	6024.1	475.0	-26.2	-41.2	99.9	99.9	99.9	99.9	310.3	311.1	0.2	23.8	999.9	999.9
20.6	67.6	6417.1	450.0	-28.7	-41.2	99.9	99.9	99.9	99.9	310.5	312.5	0.1	24.4	999.9	999.9
22.1	71.0	6827.3	425.0	-30.1	-44.1	99.9	99.9	99.9	99.9	312.0	312.9	0.1	24.9	999.9	999.9
23.5	74.3	7256.6	400.0	-33.1	-46.5	99.9	99.9	99.9	99.9	312.6	313.2	99.9	999.9	999.9	999.9
25.1	77.9	7708.7	375.0	-37.1	-49.8	99.9	99.9	99.9	99.9	313.2	314.3	99.9	999.9	999.9	999.9
26.9	81.5	8179.8	350.0	-41.2	99.9	99.9	99.9	99.9	99.9	314.3	315.6	99.9	999.9	999.9	999.9
28.6	85.3	8678.9	325.0	-45.3	99.9	99.9	99.9	99.9	99.9	315.6	316.4	99.9	999.9	999.9	999.9
30.9	89.3	9208.3	300.0	-49.5	99.9	99.9	99.9	99.9	99.9	316.4	318.4	99.9	999.9	999.9	999.9
32.9	93.4	9773.6	275.0	-53.1	99.9	99.9	99.9	99.9	99.9	318.4	320.2	99.9	999.9	999.9	999.9
35.3	97.8	10380.8	250.0	-58.4	99.9	99.9	99.9	99.9	99.9	320.2	322.1	99.9	999.9	999.9	999.9
37.8	102.4	11042.1	225.0	-59.0	99.9	99.9	99.9	99.9	99.9	322.1	324.8	99.9	999.9	999.9	999.9
40.5	107.2	11784.6	200.0	-58.8	99.9	99.9	99.9	99.9	99.9	324.8	326.3	99.9	999.9	999.9	999.9
43.6	112.5	12631.4	175.0	-56.7	99.9	99.9	99.9	99.9	99.9	326.3	327.6	99.9	999.9	999.9	999.9
47.1	118.2	13613.0	150.0	-55.4	99.9	99.9	99.9	99.9	99.9	327.6	329.9	99.9	999.9	999.9	999.9
51.2	124.7	14779.1	125.0	-55.8	99.9	99.9	99.9	99.9	99.9	329.9	333.9	99.9	999.9	999.9	999.9
56.1	131.7	16196.4	100.0	-56.4	99.9	99.9	99.9	99.9	99.9	333.9	337.7	99.9	999.9	999.9	999.9
62.2	139.7	18014.7	75.0	-58.3	99.9	99.9	99.9	99.9	99.9	337.7	340.8	99.9	999.9	999.9	999.9
70.6	148.7	20589.0	50.0	-53.7	99.9	99.9	99.9	99.9	99.9	340.8	343.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	57.1	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS

27 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RTO CM/NG	RH PCT	RANGE KM	AZ DG
0.0	13.4	791.0	927.2	0.8	0.0	130.0	7.7	-5.9	4.9	279.7	290.5	4.1	98.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	13.6	810.1	925.0	0.2	-0.5	132.4	9.3	-8.7	6.3	278.5	289.8	4.0	95.2	0.1	34.4
0.8	16.1	1029.1	900.0	-1.3	-1.7	137.5	12.9	-8.7	9.5	280.2	290.5	3.7	96.8	0.6	31.5
1.8	18.6	1253.4	875.0	-2.5	-2.9	143.8	13.7	-8.2	11.0	281.2	290.5	3.5	96.6	1.2	31.7
2.4	21.2	1483.4	850.0	-3.1	-3.8	151.0	13.6	-6.8	11.9	282.9	292.0	3.4	98.4	1.9	34.1
3.1	23.8	1719.2	825.0	-4.7	-5.3	155.3	13.4	-5.6	12.1	283.6	292.0	3.1	98.1	2.5	32.4
4.0	26.4	1961.1	800.0	-6.0	-6.6	159.6	14.0	-5.0	13.5	284.8	292.7	2.9	95.8	3.2	32.7
4.8	29.1	2209.7	775.0	-8.3	-8.9	172.2	14.0	-1.9	13.9	287.0	295.0	2.9	95.8	3.9	33.0
5.8	31.7	2466.5	750.0	-6.3	-6.8	186.6	10.5	-1.2	10.5	289.2	298.2	3.1	95.7	4.4	33.4
6.4	34.3	2731.8	725.0	-6.7	-7.3	193.4	5.7	-1.3	5.6	292.2	300.7	3.1	95.5	4.9	33.8
7.4	37.1	3005.8	700.0	-7.6	-8.2	170.8	5.7	-0.9	5.7	294.0	302.3	2.9	95.5	5.3	33.8
8.4	39.9	3289.2	675.0	-7.4	-8.0	158.5	6.9	-2.8	6.7	297.4	306.2	3.1	95.3	5.7	33.8
9.3	42.8	3583.3	650.0	-8.2	-8.8	150.8	5.9	-2.9	5.1	299.7	308.4	3.0	95.1	6.0	33.8
10.3	45.8	3887.7	625.0	-9.2	-9.8	185.1	6.0	-1.6	5.8	302.0	310.4	2.9	95.1	6.4	33.8
11.3	48.5	4203.1	600.0	-10.5	-11.2	197.7	6.4	2.0	6.1	304.9	312.0	2.4	92.1	6.8	34.2
12.3	51.4	4530.0	575.0	-12.4	-13.4	222.1	7.4	5.0	5.2	305.8	312.8	2.0	89.2	7.1	35.0
13.3	54.4	4858.6	550.0	-14.8	-15.9	230.6	8.2	8.3	5.2	308.1	313.2	1.4	83.0	7.3	35.2
14.3	57.5	5219.7	525.0	-17.0	-18.7	232.9	8.1	6.2	4.9	309.4	314.5	1.1	79.1	7.8	35.5
15.5	60.8	5584.4	500.0	-19.4	-21.5	222.0	5.8	2.6	5.1	310.9	315.1	0.9	75.6	8.0	35.7
16.5	63.8	5984.3	475.0	-21.8	-24.7	197.2	5.5	1.6	5.2	312.2	315.5	0.8	71.5	8.4	35.7
17.7	67.0	6380.0	450.0	-24.7	-27.7	187.0	5.3	1.6	5.1	313.4	315.5	0.8	68.5	8.8	35.8
19.0	70.4	6773.6	425.0	-27.8	-31.3	197.0	5.3	2.8	5.2	313.5	315.7	0.3	63.4	9.3	3.5
20.4	74.0	7205.6	400.0	-31.9	-36.0	207.8	5.9	4.5	5.6	315.8	315.7	99.9	99.9	10.1	5.8
21.8	77.6	7658.4	375.0	-35.5	-40.0	219.0	4.9	2.5	4.2	317.0	315.7	99.9	99.9	10.5	10.8
23.3	81.2	8135.1	350.0	-39.2	-43.9	228.7	4.4	2.8	2.8	318.3	315.7	99.9	99.9	10.8	14.4
25.1	85.0	8638.4	325.0	-43.3	-47.6	239.4	6.4	8.1	1.8	320.7	315.7	99.9	99.9	11.4	24.4
27.0	89.0	9172.4	300.0	-47.6	-51.5	252.2	11.2	10.6	2.4	327.0	315.7	99.9	99.9	12.1	27.7
29.0	93.2	9742.1	275.0	-51.5	-55.2	252.2	17.3	17.2	-2.4	337.3	315.7	99.9	99.9	13.0	27.7
31.2	97.5	10357.0	250.0	-53.2	-56.9	278.0	19.5	19.1	-3.8	346.7	315.7	99.9	99.9	15.0	49.4
33.6	102.2	11036.8	225.0	-54.4	-58.9	281.3	25.8	25.3	-4.7	359.7	315.7	99.9	99.9	18.4	61.4
36.3	107.0	11793.0	200.0	-54.7	-59.9	280.8	26.2	25.8	-4.9	376.4	315.7	99.9	99.9	23.1	70.4
39.0	112.2	12648.3	175.0	-54.4	-59.9	280.8	27.7	27.0	-6.1	392.6	315.7	99.9	99.9	27.6	82.4
42.1	118.0	13634.1	150.0	-54.4	-59.9	282.7	22.1	20.7	-7.6	413.4	315.7	99.9	99.9	32.6	87.4
45.6	124.5	14792.9	125.0	-58.6	-59.9	290.2	18.5	18.5	-8.4	444.5	315.7	99.9	99.9	36.5	99.9
48.3	131.3	16202.8	100.0	-59.2	-59.9	296.9	8.2	7.3	-3.7	504.4	315.7	99.9	99.9	99.9	99.9
53.9	139.7	17996.1	75.0	-59.1	-59.9	296.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
61.1	148.7	20526.9	50.0	-59.1	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

# ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS

27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	791.0	929.1	0.0	-0.6	100.0	6.2	-6.1	1.1	279.0	289.2	4.0	95.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	15.2	826.5	950.0	-0.1	-0.7	128.0	14.5	-11.4	8.8	279.2	289.4	3.8	95.3	0.5	307.0
0.7	17.9	1045.8	950.0	-0.1	-0.7	128.0	14.5	-11.4	8.8	280.3	290.2	3.8	97.1	0.7	308.0
1.4	20.6	1270.3	875.0	-2.0	-2.2	135.9	14.6	-10.2	10.5	281.7	291.5	3.5	98.0	1.2	313.0
2.1	23.2	1500.5	850.0	-3.0	-3.2	143.4	14.7	-8.8	11.8	283.0	292.5	3.3	97.8	1.9	318.0
2.9	25.9	1736.7	825.0	-4.3	-4.6	147.9	14.8	-7.4	11.8	284.1	293.4	3.1	97.5	2.6	319.0
3.7	28.7	1978.9	800.0	-5.7	-6.0	155.5	14.8	-6.1	13.5	285.1	294.6	2.9	97.4	3.3	323.0
4.4	31.3	2227.5	775.0	-6.4	-6.9	166.4	14.3	-3.3	13.9	286.6	294.6	2.9	96.5	4.4	328.0
5.2	34.1	2483.9	750.0	-7.0	-7.4	175.0	7.7	-0.7	7.7	289.6	298.0	3.0	96.4	4.6	328.0
6.0	36.8	2743.7	725.0	-8.0	-8.4	185.7	3.8	-2.2	3.1	292.9	302.9	3.2	96.4	4.7	327.0
6.9	39.7	3024.3	700.0	-8.8	-9.2	193.8	4.0	-2.9	2.8	295.0	306.0	3.1	96.2	5.0	327.0
7.8	42.5	3308.4	675.0	-9.6	-10.0	203.8	5.4	-3.5	4.3	297.2	307.7	2.9	96.0	5.3	326.0
8.6	45.4	3601.8	650.0	-10.4	-10.8	214.2	6.5	-4.2	5.5	299.2	310.3	2.8	95.8	5.7	325.0
9.5	48.3	3905.8	625.0	-11.2	-11.6	224.7	7.2	-5.0	6.8	301.8	312.2	2.8	95.3	6.1	328.0
10.5	51.3	4221.3	600.0	-12.0	-12.4	235.2	8.7	-5.8	8.7	304.1	313.5	2.5	94.3	6.3	330.0
11.4	54.4	4548.2	575.0	-12.8	-13.2	245.7	5.1	-6.5	4.6	306.0	314.1	2.2	91.5	6.4	333.0
12.4	57.5	4887.5	550.0	-13.6	-14.0	256.2	4.8	-7.2	3.7	307.6	315.2	2.2	87.3	6.5	335.0
13.4	60.6	5239.9	525.0	-14.4	-14.8	266.7	5.8	-7.9	3.9	309.5	315.2	1.9	87.3	6.5	335.0
14.6	63.9	5605.9	500.0	-15.2	-15.6	277.2	6.4	-8.6	4.0	310.5	315.0	1.4	79.8	6.8	333.0
15.8	67.1	5986.6	475.0	-16.0	-16.4	287.7	6.4	-9.3	4.0	311.5	315.0	0.9	75.5	7.0	336.0
17.1	70.5	6383.2	450.0	-16.8	-17.2	298.2	5.0	-10.0	3.3	312.6	315.5	0.7	71.2	7.1	340.0
18.4	74.0	6797.5	425.0	-17.6	-18.0	308.7	3.8	-10.7	3.3	314.4	316.7	0.5	63.0	7.2	352.0
19.9	77.6	7232.4	400.0	-18.4	-18.8	319.2	4.1	-11.4	1.7	316.2	318.0	0.2	56.9	7.4	355.0
21.5	81.2	7689.1	375.0	-19.2	-19.6	329.7	5.4	-12.1	1.5	317.5	319.3	0.2	53.9	7.6	359.0
23.2	85.0	8169.7	350.0	-20.0	-20.4	340.2	5.0	-12.8	0.8	318.4	319.3	0.2	53.9	7.6	359.0
24.8	88.8	8677.3	325.0	-20.8	-21.2	350.7	4.3	-13.5	-0.8	319.6	319.3	0.2	53.9	7.6	359.0
26.6	92.8	9215.7	300.0	-21.6	-22.0	361.2	3.9	-14.2	-2.3	321.6	319.3	0.2	53.9	7.6	359.0
28.7	97.0	9790.3	275.0	-22.4	-22.8	371.7	3.8	-14.9	-3.3	322.8	319.3	0.2	53.9	7.6	359.0
30.7	101.6	10408.2	250.0	-23.2	-23.6	382.2	3.8	-15.6	-3.3	324.0	319.3	0.2	53.9	7.6	359.0
33.0	106.3	11088.8	225.0	-24.0	-24.4	392.7	3.8	-16.3	-3.4	325.0	319.3	0.2	53.9	7.6	359.0
35.9	111.4	11854.4	200.0	-24.8	-25.2	403.2	3.8	-17.0	-3.4	326.0	319.3	0.2	53.9	7.6	359.0
38.9	116.8	12716.0	175.0	-25.6	-26.0	413.7	3.8	-17.7	-3.4	327.0	319.3	0.2	53.9	7.6	359.0
42.2	122.7	13710.0	150.0	-26.4	-26.8	424.2	3.8	-18.4	-3.4	328.0	319.3	0.2	53.9	7.6	359.0
46.3	129.5	14878.1	125.0	-27.2	-27.6	434.7	3.8	-19.1	-3.4	329.0	319.3	0.2	53.9	7.6	359.0
50.9	137.0	16302.4	100.0	-28.0	-28.4	445.2	3.8	-19.8	-3.4	330.0	319.3	0.2	53.9	7.6	359.0
56.7	146.0	18114.9	75.0	-28.8	-29.2	455.7	3.8	-20.5	-3.4	331.0	319.3	0.2	53.9	7.6	359.0
63.8	156.0	20874.7	50.0	-29.6	-30.0	466.2	3.8	-21.2	-3.4	332.0	319.3	0.2	53.9	7.6	359.0
75.1	167.3	25127.3	25.0	-30.4	-30.8	476.7	3.8	-21.9	-3.4	333.0	319.3	0.2	53.9	7.6	359.0

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	931.2	0.6	0.3	120.0	6.2	-5.4	3.1	279.4	290.3	4.2	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	14.3	844.7	925.0	0.0	-0.6	122.7	12.1	-10.2	6.5	279.3	289.6	4.0	95.7	0.3	30.
1.0	16.9	1063.7	900.0	-1.7	-1.9	129.4	11.8	-9.1	7.5	279.8	289.5	3.7	98.2	0.6	30.
1.8	19.8	1287.8	875.0	-2.5	-2.8	142.2	12.9	-7.9	10.2	281.2	290.8	3.6	98.1	1.2	310.
2.6	22.2	1517.8	850.0	-3.8	-4.1	149.2	14.2	-7.3	12.2	282.1	290.9	3.3	97.9	1.8	310.
3.3	24.8	1753.1	825.0	-4.8	-5.2	151.7	13.2	-6.3	11.7	283.5	292.0	3.2	97.7	2.4	320.
4.1	27.5	1995.0	800.0	-5.9	-6.2	159.3	14.3	-5.0	13.3	284.9	293.0	3.0	97.5	3.1	320.
5.0	30.2	2243.3	775.0	-7.0	-7.3	169.0	12.5	-2.4	12.3	286.3	294.1	2.8	97.3	3.7	321.
5.9	32.9	2499.0	750.0	-7.5	-7.8	172.4	8.5	-1.1	8.4	288.5	296.3	2.8	97.2	4.2	331.
6.7	35.7	2763.2	725.0	-8.0	-8.3	178.0	5.2	-3.4	3.8	291.1	299.2	2.8	97.0	4.8	331.
7.7	38.4	3036.2	700.0	-8.2	-8.5	180.6	6.2	-3.9	4.8	293.2	301.3	3.0	97.1	5.2	330.
8.7	41.2	3319.0	675.0	-8.8	-9.1	184.5	6.5	-2.8	5.9	296.5	304.9	2.9	96.9	5.6	331.
9.6	44.0	3611.8	650.0	-9.2	-9.5	191.0	6.3	-1.0	6.3	299.0	307.5	2.8	96.8	5.9	331.
10.7	47.0	3915.7	625.0	-10.2	-10.5	197.5	5.5	1.2	5.4	301.9	310.2	2.6	92.8	6.1	335.
11.8	49.9	4231.3	600.0	-11.9	-12.2	208.3	5.1	2.2	4.5	304.3	312.0	2.0	87.4	6.4	338.
12.9	52.9	4558.4	575.0	-15.2	-15.5	214.8	6.5	3.7	5.4	305.9	312.1	1.8	76.7	6.8	342.
14.1	56.0	4897.2	550.0	-17.5	-17.8	225.7	7.0	5.2	5.1	307.1	312.5	1.4	71.6	6.8	346.
15.3	59.0	5248.5	525.0	-20.7	-21.0	230.0	7.7	5.4	4.5	308.2	312.6	1.1	70.7	7.0	349.
16.5	62.3	5613.2	500.0	-23.5	-23.8	235.2	5.7	4.7	3.2	309.2	312.8	0.9	65.7	7.2	352.
17.8	65.4	5992.4	475.0	-26.9	-27.2	238.2	3.4	2.8	2.0	310.4	313.3	0.7	61.3	7.3	353.
19.2	68.7	6387.6	450.0	-30.2	-30.5	243.2	2.3	0.6	2.3	311.9	314.1	0.5	52.3	7.5	355.
20.6	72.1	6801.5	425.0	-34.1	-34.4	248.6	3.4	2.1	2.7	313.9	315.6	0.4	48.4	7.6	356.
22.1	75.6	7235.6	400.0	-37.7	-38.0	256.6	3.8	3.7	0.8	315.5	317.7	0.3	45.7	7.7	359.
23.7	79.3	7691.3	375.0	-41.3	-41.6	260.3	3.9	3.8	0.5	316.8	318.2	0.2	45.2	7.7	359.
25.3	83.0	8170.4	350.0	-38.1	-38.4	261.2	3.2	3.2	-0.1	317.4	318.2	99.9	99.9	7.8	36.
26.8	86.9	8678.2	325.0	-42.6	-42.9	271.2	3.2	3.2	1.1	317.9	318.2	99.9	99.9	7.8	36.
28.5	90.8	9212.4	300.0	-46.4	-46.7	281.2	3.4	3.2	0.8	320.0	318.2	99.9	99.9	8.0	36.
30.5	95.0	9784.4	275.0	-51.2	-51.5	285.6	4.2	4.1	0.8	321.1	318.2	99.9	99.9	8.0	36.
32.9	99.5	10398.7	250.0	-55.3	-55.6	290.3	9.3	8.7	-3.2	323.8	318.2	99.9	99.9	8.0	36.
35.2	104.2	11076.7	225.0	-51.2	-51.5	280.6	15.8	15.5	-2.9	340.1	318.2	99.9	99.9	8.0	36.
37.3	109.0	11839.6	200.0	-52.6	-52.9	275.4	19.6	19.5	-1.8	349.5	318.2	99.9	99.9	11.2	40.
39.9	114.5	12702.7	175.0	-52.0	-52.3	282.4	22.1	21.6	-4.8	364.0	318.2	99.9	99.9	14.3	67.
42.7	120.2	13696.6	150.0	-54.4	-54.7	279.9	26.3	25.9	-6.1	376.4	318.2	99.9	99.9	19.3	77.
45.3	126.7	14666.6	125.0	-54.7	-55.0	284.9	23.7	22.9	-6.1	398.0	318.2	99.9	99.9	23.9	82.
48.7	134.3	16292.2	100.0	-56.2	-56.5	278.7	18.2	18.0	-2.7	419.1	318.2	99.9	99.9	29.1	86.
50.7	143.0	18099.8	75.0	-56.6	-56.9	290.6	14.9	14.0	-5.3	447.5	318.2	99.9	99.9	999.9	999.9
52.9	152.7	20656.7	50.0	-55.6	-55.9	999.9	99.9	99.9	99.9	512.7	318.2	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KC	RH PCT	RANGE KM	AZ DG
0.0	12.8	791.0	931.5	1.7	0.1	130.0	7.7	-5.9	4.9	280.5	291.3	4.1	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	13.4	847.5	950.0	0.6	-0.7	139.8	11.2	-7.2	8.5	280.0	290.2	3.9	91.0	0.3	323.
0.9	15.8	1088.8	900.0	-1.5	-2.0	140.0	12.5	-8.0	9.6	289.9	289.6	3.7	96.7	0.5	322.
1.5	17.8	1290.7	875.0	-3.0	-3.5	140.8	13.8	-8.7	10.7	280.7	289.6	3.4	96.5	1.1	321.
2.3	20.2	1500.2	850.0	-3.8	-4.3	148.4	13.3	-7.4	11.1	282.2	290.9	3.3	96.3	1.7	321.
3.0	22.5	1755.6	825.0	-5.0	-5.5	157.0	11.9	-4.7	11.0	283.3	291.6	3.1	96.0	2.7	324.
3.8	24.9	1997.5	800.0	-5.8	-6.3	169.2	10.4	-1.9	10.2	285.0	293.1	3.0	95.9	2.7	327.
4.6	27.3	2248.3	775.0	-6.7	-7.2	179.1	7.8	-0.1	7.8	286.7	294.5	2.9	95.7	3.1	331.
5.3	29.8	2502.4	750.0	-7.0	-7.6	181.9	4.8	0.2	4.8	289.0	296.9	2.9	95.6	3.4	334.
6.2	32.3	2766.9	725.0	-7.7	-8.4	186.3	4.7	-1.1	4.5	291.0	298.8	2.8	95.4	3.5	335.
7.1	34.9	3039.4	700.0	-9.0	-9.7	197.4	6.7	-2.6	6.1	292.5	303.5	2.6	95.1	3.9	335.
8.0	37.8	3321.7	675.0	-8.9	-9.6	197.8	8.1	-0.6	5.2	295.7	308.7	2.7	95.1	4.2	338.
8.9	40.3	3614.1	650.0	-9.1	-9.8	197.8	5.5	1.7	3.4	298.7	308.7	2.8	92.1	4.7	340.
9.8	43.1	3917.7	625.0	-9.4	-10.4	218.4	4.4	2.7	3.4	301.7	309.8	2.5	89.2	4.8	342.
10.9	45.9	4222.9	600.0	-10.7	-12.2	233.5	4.2	2.3	3.5	302.7	311.1	2.1	88.2	5.0	345.
11.9	48.9	4539.3	575.0	-12.8	-14.7	244.2	4.5	2.0	4.5	305.0	311.3	2.1	85.6	5.3	345.
12.9	51.9	4857.3	550.0	-14.9	-17.7	264.7	4.7	2.0	4.3	308.4	312.3	1.7	78.9	5.5	349.
14.0	55.0	5247.9	525.0	-17.1	-20.7	285.2	4.4	1.9	4.0	309.3	312.3	1.4	73.6	5.7	351.
15.3	58.3	5612.5	500.0	-19.5	-24.1	199.1	3.7	1.2	3.5	311.1	313.8	1.1	66.7	6.0	352.
16.4	61.8	5932.1	475.0	-21.7	-28.5	199.2	4.3	1.4	4.0	312.3	314.7	0.8	61.9	6.3	354.
17.8	65.0	6388.1	450.0	-24.6	-33.7	239.8	5.6	4.2	3.6	314.8	316.6	0.7	51.0	6.5	358.
19.1	68.8	6803.0	425.0	-26.7	-35.3	257.8	6.9	6.8	1.5	318.0	317.6	0.5	54.3	6.5	358.
20.4	72.3	7237.9	400.0	-30.0	-39.8	270.9	7.8	7.8	-0.1	318.0	317.9	0.3	54.3	6.5	358.
21.8	75.2	7694.0	375.0	-33.9	-43.0	270.9	8.3	8.3	-0.1	318.0	317.9	0.2	55.8	6.7	361.
23.3	80.2	8174.0	350.0	-37.4	-43.0	274.1	9.2	9.2	-0.7	318.3	319.1	0.2	55.8	6.9	361.
24.8	84.5	8660.8	325.0	-42.1	-47.1	282.7	10.2	10.0	-2.2	318.6	319.9	99.9	99.9	7.0	361.
26.4	89.0	9218.6	300.0	-47.1	-51.9	288.5	9.6	9.1	-3.0	319.0	319.9	99.9	99.9	7.8	361.
28.1	93.8	9787.2	275.0	-51.9	-54.0	273.0	7.0	7.0	-0.4	320.1	319.9	99.9	99.9	8.9	361.
30.0	98.8	10399.9	250.0	-54.0	-54.0	278.7	9.6	9.5	-1.1	325.9	319.9	99.9	99.9	11.3	361.
31.9	103.8	11080.1	225.0	-52.1	-52.1	277.2	18.1	17.9	-2.2	337.1	319.9	99.9	99.9	14.7	361.
34.6	109.5	11841.2	200.0	-54.0	-54.0	277.9	21.8	21.6	-3.0	350.2	319.9	99.9	99.9	18.4	361.
37.4	115.5	12701.9	175.0	-54.0	-54.0	282.4	22.7	22.2	-3.7	370.7	319.9	99.9	99.9	24.0	361.
40.5	121.7	13682.4	150.0	-53.8	-53.8	284.7	24.7	23.5	-6.1	377.4	319.9	99.9	99.9	28.9	361.
44.2	128.7	14664.0	125.0	-54.9	-54.9	285.4	24.3	23.5	-2.9	418.4	319.9	99.9	99.9	34.0	361.
48.6	136.0	15683.7	100.0	-56.8	-56.8	279.4	17.8	17.5	-5.3	448.7	319.9	99.9	99.9	37.4	361.
54.0	144.0	16993.6	75.0	-60.2	-60.2	292.3	14.0	13.0	-0.9	516.7	319.9	99.9	99.9	39.0	361.
60.9	152.0	18093.6	50.0	-53.8	-53.8	279.0	5.8	5.7	-0.5	637.0	319.9	99.9	99.9	39.0	361.
72.2	180.7	25125.2	25.0	-51.5	-51.5	120.2	3.1	-2.6	1.5	637.0	319.9	99.9	99.9	39.0	361.

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ORIGINAL PAGE IS  
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STATION NO. 451  
DODGE CITY, KANSAS  
27 MARCH 1982  
2315 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	791.0	931.5	1.7	0.5	130.0	6.2	-4.7	4.0	280.5	291.6	4.3	92.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	13.5	847.5	950.0	1.0	0.3	144.7	9.5	-5.5	7.8	280.3	291.3	4.2	95.0	0.2	0.2
1.0	15.8	1067.2	900.0	-0.8	-1.1	147.2	9.6	-5.2	8.1	280.7	291.8	3.9	98.0	0.5	0.5
1.7	18.2	1292.0	875.0	-1.8	-3.8	149.5	10.3	-5.2	8.9	281.9	291.8	3.8	98.2	0.9	0.9
2.4	20.6	1522.1	850.0	-3.5	-5.3	153.9	9.4	-4.1	8.4	282.4	291.4	3.4	97.9	1.3	1.3
3.2	23.1	1757.5	825.0	-5.0	-5.9	155.6	9.7	-2.4	8.4	283.4	291.7	3.1	97.5	1.8	1.8
3.9	25.5	1993.3	800.0	-5.8	-5.9	177.1	6.5	-0.3	6.4	285.2	293.5	3.1	97.5	2.1	2.1
4.8	28.0	2248.0	775.0	-6.8	-8.0	171.1	4.1	-0.6	4.0	286.7	294.8	2.8	97.4	2.5	2.5
5.8	30.8	2504.1	750.0	-7.6	-8.0	153.3	3.3	-0.5	2.9	288.3	298.0	2.8	97.2	2.5	2.5
6.5	33.2	2768.4	725.0	-7.4	-7.8	174.3	5.0	-0.5	5.0	291.3	301.5	2.9	97.2	2.7	2.7
7.5	35.9	3041.4	700.0	-8.2	-8.6	191.8	6.9	1.4	6.7	293.4	304.5	2.9	97.1	3.0	3.0
8.3	38.8	3324.3	675.0	-8.4	-8.8	222.6	6.3	4.3	4.7	296.2	304.5	2.9	97.0	3.3	3.3
9.3	41.3	3617.2	650.0	-9.1	-9.5	243.1	4.9	4.4	2.2	298.7	307.0	2.7	96.9	3.4	3.4
10.3	44.2	3920.3	625.0	-10.1	-10.5	240.7	3.4	2.9	1.6	300.9	308.9	2.7	96.8	3.5	3.5
11.2	47.1	4234.3	600.0	-11.6	-12.1	218.5	3.8	2.2	3.0	302.7	310.1	2.5	96.3	3.5	3.5
12.3	50.1	4559.5	575.0	-13.5	-14.5	208.9	4.7	1.7	4.3	304.2	310.6	2.2	96.2	3.8	3.8
13.5	53.3	4897.2	550.0	-15.1	-17.8	208.9	4.0	1.9	3.5	306.2	311.4	1.7	94.4	4.1	4.1
14.8	56.4	5248.0	525.0	-17.0	-19.1	240.3	3.6	3.1	1.8	307.9	312.9	1.1	83.8	4.3	4.3
15.7	59.7	5612.4	500.0	-19.5	-23.6	272.4	5.7	5.6	-0.2	309.3	314.0	0.9	66.9	4.4	4.4
17.0	63.1	5992.0	475.0	-21.8	-26.2	289.8	8.0	7.5	-2.7	311.0	315.1	0.8	64.5	4.5	4.5
18.2	66.6	6388.3	450.0	-24.4	-29.3	301.2	9.7	8.3	-4.1	313.7	315.5	0.5	57.9	4.6	4.6
19.5	70.3	6802.3	425.0	-27.6	-33.3	304.0	9.5	7.9	-5.0	314.4	315.6	0.3	49.5	4.7	4.7
20.9	74.0	7235.1	400.0	-31.2	-38.3	303.5	8.1	6.8	-4.5	315.2	315.6	0.1	48.5	4.8	4.8
22.4	78.0	7689.1	375.0	-35.0	-52.4	303.5	8.1	6.8	-2.5	316.7	316.9	0.1	48.5	4.8	4.8
24.2	82.2	8167.0	350.0	-38.6	-55.2	292.1	6.7	6.2	-0.8	317.7	316.9	99.9	48.5	4.8	4.8
25.9	86.4	8671.6	325.0	-42.8	-59.9	278.1	5.3	5.3	-0.8	318.3	316.9	99.9	48.5	4.8	4.8
27.8	91.0	9209.0	300.0	-47.8	-66.6	254.2	4.9	4.7	1.3	318.3	316.9	99.9	48.5	4.8	4.8
29.7	95.8	9774.6	275.0	-52.4	-72.9	257.9	7.7	7.6	1.6	318.3	316.9	99.9	48.5	4.8	4.8
31.8	100.8	10390.6	250.0	-53.0	-77.9	281.8	14.7	14.3	-3.0	328.7	316.9	99.9	48.5	4.8	4.8
34.3	106.3	11071.5	225.0	-53.0	-84.7	284.7	18.2	17.7	-4.2	337.3	316.9	99.9	48.5	4.8	4.8
36.9	112.0	11828.6	200.0	-53.7	-89.9	284.7	23.8	23.0	-6.0	347.8	316.9	99.9	48.5	4.8	4.8
39.8	118.0	12685.6	175.0	-54.1	-94.9	281.9	21.7	21.2	-4.5	360.6	316.9	99.9	48.5	4.8	4.8
43.4	124.5	13675.1	150.0	-54.1	-99.9	279.1	26.0	25.7	-4.1	377.0	316.9	99.9	48.5	4.8	4.8
47.5	131.3	14842.8	125.0	-56.0	-99.9	285.0	23.5	22.7	-6.1	393.7	316.9	99.9	48.5	4.8	4.8
52.3	139.0	16254.8	100.0	-57.9	-99.9	289.7	19.3	19.3	-5.1	415.9	316.9	99.9	48.5	4.8	4.8
58.2	148.7	18061.5	75.0	-60.2	-99.9	289.2	15.6	14.8	-5.1	446.7	316.9	99.9	48.5	4.8	4.8
66.4	155.2	20812.2	50.0	-58.6	-99.9	292.0	7.2	6.7	-2.7	510.2	316.9	99.9	48.5	4.8	4.8
78.3	183.7	25044.1	25.0	-53.0	-99.9	281.1	4.6	4.6	0.7	632.7	316.9	99.9	48.5	4.8	4.8

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

# ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
28 MARCH 1982  
215 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	12.4	791.0	932.4	1.7	1.1	150.0	6.2	-3.1	5.4	280.4	292.0	4.5	98.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.0	855.2	925.0	0.4	-0.5	99.9	99.9	99.9	99.9	279.8	290.1	4.0	93.3	99.9	99.9
1.1	15.3	1074.6	900.0	-1.2	-1.5	99.9	99.9	99.9	99.9	280.2	290.4	3.8	98.2	0.9	334
1.9	17.5	1299.0	875.0	-2.8	-2.9	99.9	99.9	99.9	99.9	281.1	290.2	3.5	98.0	0.9	334
2.7	19.8	1528.7	850.0	-3.8	-4.1	185.0	8.9	-2.3	8.6	282.2	291.0	3.2	97.8	1.4	338
3.6	22.2	1784.3	825.0	-4.9	-5.2	170.7	8.4	-1.4	8.3	283.5	291.9	3.0	97.5	2.5	343
4.5	24.5	2006.0	800.0	-5.8	-6.2	171.9	8.2	-0.9	8.2	284.9	293.1	3.0	97.4	2.5	343
5.4	27.0	2254.7	775.0	-6.4	-6.7	188.0	4.9	-1.0	4.8	287.0	295.1	2.9	96.9	2.7	344
6.3	29.4	2511.4	750.0	-7.2	-7.2	188.0	4.6	0.5	4.6	289.2	297.4	2.9	95.5	2.7	344
7.3	31.9	2776.0	725.0	-7.5	-8.1	210.4	5.0	2.5	4.3	291.2	299.2	3.0	95.5	2.7	344
8.2	34.5	3049.8	700.0	-7.3	-7.8	238.6	5.5	2.5	4.3	294.5	303.0	3.0	95.9	2.7	344
9.0	37.1	3322.9	675.0	-8.5	-8.9	254.2	4.1	4.0	2.9	298.2	304.4	2.9	97.0	2.7	344
10.1	39.9	3625.3	650.0	-8.9	-10.3	284.4	3.5	3.5	0.3	298.9	308.6	2.7	98.8	2.7	344
11.1	42.6	3928.8	625.0	-10.3	-12.3	265.1	4.3	4.3	0.4	300.6	307.1	2.2	78.8	2.7	344
12.1	45.3	4242.5	600.0	-11.3	-15.2	287.9	5.9	5.6	-1.8	303.0	308.9	2.0	72.1	2.7	344
13.3	48.3	4588.4	575.0	-12.9	-18.6	310.2	6.4	4.9	-4.1	304.9	309.6	1.5	62.1	2.7	344
14.5	51.3	4906.5	550.0	-14.5	-20.8	306.0	7.8	8.3	-4.6	306.8	310.9	1.3	58.6	2.7	344
15.7	54.1	5257.4	525.0	-17.0	-24.3	302.4	10.9	9.2	-5.8	308.0	311.2	1.0	53.0	2.7	344
17.0	57.5	5622.0	500.0	-19.5	-26.8	312.3	11.5	8.5	-7.8	309.2	312.0	0.8	52.5	2.7	344
18.2	60.8	6001.1	475.0	-22.1	-29.2	314.1	10.1	7.2	-7.0	310.6	312.9	0.7	52.2	2.7	344
19.6	64.1	6396.8	450.0	-24.6	-33.8	309.9	8.9	6.9	-5.7	312.4	314.0	0.5	41.8	2.7	344
21.0	67.7	6810.4	425.0	-27.7	-38.0	318.8	9.3	6.4	-6.8	313.5	314.9	0.4	44.5	2.7	344
22.3	71.3	7243.3	400.0	-31.0	-40.3	322.9	10.5	6.4	-8.4	314.8	315.7	0.2	39.1	2.7	344
23.9	75.2	7698.0	375.0	-34.5	-45.2	323.3	12.1	7.2	-9.7	316.0	316.5	0.2	28.9	2.7	344
25.6	79.2	8178.8	350.0	-38.1	-52.5	326.6	12.5	8.9	-8.4	317.3	317.6	0.1	20.2	2.7	344
27.5	83.3	8682.2	325.0	-42.6	-59.9	321.6	11.2	7.0	-8.8	318.0	319.9	99.9	99.9	2.7	344
29.4	87.8	9217.0	300.0	-47.5	-66.9	315.1	13.2	7.9	-9.0	319.4	320.8	99.9	99.9	2.7	344
31.4	92.4	9785.8	275.0	-52.3	-73.9	313.2	13.4	9.8	-9.2	319.5	320.8	99.9	99.9	2.7	344
33.3	97.3	10397.3	250.0	-54.8	-79.9	309.6	16.8	12.8	-10.6	324.7	322.9	99.9	99.9	2.7	344
35.7	102.5	11074.0	225.0	-54.8	-83.8	298.4	18.9	14.8	-8.0	334.5	324.7	99.9	99.9	2.7	344
38.1	108.0	11825.0	200.0	-56.0	-89.9	285.4	20.7	19.9	-5.5	344.1	324.1	99.9	99.9	2.7	344
41.0	114.0	12678.0	175.0	-54.5	-99.9	280.9	21.2	20.8	-4.0	359.9	325.9	99.9	99.9	2.7	344
44.1	120.2	13683.2	150.0	-55.2	-99.9	279.6	22.5	22.2	-3.8	375.1	327.1	99.9	99.9	2.7	344
47.9	127.0	14822.8	125.0	-58.8	-99.9	278.6	22.3	22.0	-3.3	392.1	329.1	99.9	99.9	2.7	344
52.0	134.2	16230.6	100.0	-59.8	-99.9	272.1	19.9	13.9	-0.7	413.3	332.1	99.9	99.9	2.7	344
57.3	142.0	18027.6	75.0	-59.8	-99.9	284.8	15.0	14.5	-3.8	447.6	339.9	99.9	99.9	2.7	344
64.4	150.0	20563.4	50.0	-58.0	-99.9	303.3	7.2	6.1	-4.0	506.8	399.9	99.9	99.9	2.7	344
76.2	158.3	24972.1	25.0	-55.3	-99.9	132.1	2.6	-1.9	1.7	626.0	399.9	99.9	99.9	2.7	344

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
28 MARCH 1982  
515 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	791.0	933.0	1.7	1.1	165.0	5.2	-1.6	6.0	280.4	291.9	4.5	96.0	153	17.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.4	860.3	925.0	0.1	-0.9	167.7	10.0	-2.1	9.8	279.4	289.5	3.9	93.1	99.9	0.3
1.0	15.6	1079.6	900.0	-1.0	-1.4	168.7	9.8	-1.9	9.6	280.5	290.5	3.8	96.8	99.9	0.3
1.7	18.0	1304.0	875.0	-2.5	-2.9	170.7	9.7	-1.6	9.6	281.2	290.5	3.5	96.6	99.9	0.3
2.4	20.3	1533.7	850.0	-3.9	-4.4	172.4	10.0	-0.5	10.0	282.1	290.7	3.2	96.2	99.9	0.3
3.2	22.7	1769.2	825.0	-5.0	-5.5	178.1	10.2	1.1	10.2	283.3	291.5	3.1	96.0	99.9	0.3
4.0	25.2	2011.1	800.0	-5.4	-5.9	186.1	8.3	0.9	8.2	285.4	293.7	3.1	95.9	99.9	0.3
4.8	27.7	2260.6	775.0	-5.5	-6.1	186.4	7.5	1.1	7.4	287.9	296.4	3.1	95.9	99.9	0.3
5.6	30.2	2518.2	750.0	-5.5	-6.1	209.7	6.0	3.0	5.2	290.6	299.5	3.2	95.8	99.9	0.3
6.4	32.8	2784.3	725.0	-6.1	-6.7	238.0	4.6	3.9	2.4	292.8	301.7	3.0	95.5	99.9	0.3
7.3	35.5	3058.5	700.0	-7.5	-8.1	254.8	3.9	3.8	1.0	294.1	302.5	2.9	92.9	99.9	0.3
8.1	38.2	3341.4	675.0	-7.7	-8.7	274.7	4.0	4.0	-0.3	297.0	305.4	2.7	92.8	99.9	0.3
8.9	41.0	3634.9	650.0	-8.5	-12.5	286.4	6.0	5.8	-1.7	299.4	308.0	2.3	92.8	99.9	0.3
9.8	43.8	3939.1	625.0	-9.2	-16.7	303.1	9.2	7.7	-5.0	301.9	308.0	1.7	92.8	99.9	0.3
10.6	46.8	4253.9	600.0	-11.1	-18.6	307.1	9.2	8.9	-6.8	303.3	307.8	1.5	92.8	99.9	0.3
11.8	49.8	4579.5	575.0	-12.2	-22.4	311.5	13.0	9.7	-8.6	304.5	308.0	1.1	92.8	99.9	0.3
12.9	52.9	4916.7	550.0	-13.4	-22.6	321.4	13.9	8.7	-10.9	305.8	308.0	1.1	92.8	99.9	0.3
14.0	56.0	5267.1	525.0	-15.4	-26.8	324.1	12.9	7.6	-10.5	308.7	310.9	0.7	92.8	99.9	0.3
15.2	59.3	5632.5	500.0	-16.4	-31.1	318.7	12.2	8.0	-9.2	310.1	312.6	0.6	92.8	99.9	0.3
16.4	62.8	6012.3	475.0	-21.7	-34.1	316.8	10.8	7.4	-7.9	311.1	312.8	0.4	92.8	99.9	0.3
17.7	66.3	6408.8	450.0	-24.3	-38.1	314.9	10.1	7.1	-7.1	312.8	313.9	0.3	92.8	99.9	0.3
19.0	69.9	6822.6	425.0	-27.4	-40.9	321.8	11.3	6.9	-9.0	313.9	314.8	0.2	92.8	99.9	0.3
20.3	73.4	7256.5	400.0	-30.5	-43.2	321.8	12.4	7.7	-9.7	315.4	316.1	0.2	92.8	99.9	0.3
21.9	77.4	7711.9	375.0	-34.1	-45.7	321.5	13.8	8.3	-10.9	317.5	317.1	0.1	92.8	99.9	0.3
23.4	81.5	8191.1	350.0	-38.0	-49.2	322.7	13.8	8.3	-10.9	319.1	318.0	0.1	92.8	99.9	0.3
25.0	85.6	8697.5	325.0	-41.7	-51.9	317.3	13.2	9.0	-9.7	319.1	318.0	0.1	92.8	99.9	0.3
26.9	90.2	9233.9	300.0	-46.8	-55.9	312.8	13.3	9.8	-9.1	319.4	318.0	0.1	92.8	99.9	0.3
29.0	95.2	9804.5	275.0	-51.4	-61.8	318.5	14.0	9.3	-10.5	320.8	319.9	0.1	92.8	99.9	0.3
30.9	100.0	10418.1	250.0	-54.1	-66.6	320.3	17.8	11.4	-13.7	325.6	319.9	0.1	92.8	99.9	0.3
33.3	105.4	11090.2	225.0	-58.6	-71.9	309.6	18.3	14.1	-11.7	331.8	319.9	0.1	92.8	99.9	0.3
35.8	111.0	11833.6	200.0	-57.4	-74.9	295.7	20.1	18.1	-8.7	341.9	319.9	0.1	92.8	99.9	0.3
38.6	117.0	12683.1	175.0	-55.1	-78.1	282.1	23.1	22.6	-4.8	359.0	319.9	0.1	92.8	99.9	0.3
41.9	123.5	13688.8	150.0	-55.1	-81.9	280.0	23.5	23.2	-4.1	375.2	319.9	0.1	92.8	99.9	0.3
45.8	130.3	14830.1	125.0	-58.5	-85.9	275.7	21.5	21.4	-2.1	392.7	319.9	0.1	92.8	99.9	0.3
50.5	137.7	16240.1	100.0	-58.0	-89.9	271.2	20.8	20.8	-0.4	415.8	319.9	0.1	92.8	99.9	0.3
55.9	145.3	18041.9	75.0	-60.3	-93.9	275.5	16.4	18.3	-1.6	446.5	319.9	0.1	92.8	99.9	0.3
62.8	153.3	20575.9	50.0	-59.1	-99.9	282.3	10.3	10.1	-2.2	504.3	319.9	0.1	92.8	99.9	0.3
72.5	161.3	24955.8	25.0	-55.4	-99.9	140.7	2.1	-1.3	-1.7	625.7	319.9	0.1	92.8	99.9	0.3

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451 DODGE CITY, KANSAS														148 35. 0	
28 MARCH 1982															
1115 GMT															
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	PCT	E POI T	MX RIO	RH	RANGE	AZ
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	CM/KG	PCT	NM	DG
0. 0	14. 6	791. 0	930. 5	1. 1	0. 2	180. 0	7. 7	0. 0	7. 7	280. 0	290. 8	4. 2	94. 0	0. 0	0. 0
99. 9	99. 9	99. 9	1000. 0	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	999. 9	99. 9	999. 9	999. 9	999. 9
99. 9	99. 9	99. 9	975. 0	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	999. 9	99. 9	999. 9	999. 9	999. 9
99. 9	99. 9	99. 9	950. 0	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	999. 9	99. 9	999. 9	999. 9	999. 9
0. 2	15. 2	838. 7	925. 0	0. 4	-0. 3	188. 5	9. 6	1. 1	9. 6	279. 7	290. 2	4. 1	95. 1	0. 3	6. 0
0. 9	17. 7	1058. 1	900. 0	-1. 4	-1. 8	188. 0	10. 5	1. 6	10. 3	280. 1	289. 8	3. 7	97. 2	0. 5	6. 0
1. 6	20. 3	1282. 2	875. 0	-2. 7	-3. 0	196. 5	11. 4	3. 2	10. 9	281. 0	290. 2	3. 5	98. 0	1. 0	9. 0
2. 3	23. 0	1511. 5	850. 0	-4. 6	-4. 9	199. 4	10. 6	3. 5	10. 0	281. 3	289. 6	3. 1	97. 7	1. 5	13. 0
3. 1	25. 6	1748. 1	825. 0	-2. 4	-2. 8	207. 3	10. 0	4. 8	8. 9	286. 1	296. 2	3. 8	97. 6	2. 0	14. 0
3. 9	28. 2	1992. 7	800. 0	-2. 3	-2. 9	231. 7	8. 3	6. 5	5. 1	288. 7	299. 2	3. 9	96. 1	2. 3	19. 0
4. 4	31. 0	2244. 6	775. 0	-3. 4	-4. 7	241. 5	7. 4	6. 5	3. 5	290. 2	299. 7	3. 5	90. 3	2. 7	24. 0
5. 7	33. 7	2504. 4	750. 0	-3. 3	-4. 8	272. 5	8. 7	8. 7	-0. 4	293. 0	302. 9	3. 6	89. 8	2. 9	28. 0
6. 3	36. 4	2773. 9	725. 0	-1. 8	-7. 9	288. 2	11. 3	10. 7	-3. 5	297. 5	305. 8	2. 4	83. 0	3. 0	32. 0
7. 1	39. 1	3052. 3	700. 0	-3. 5	-11. 0	291. 9	9. 6	8. 9	-3. 6	298. 6	305. 4	1. 9	58. 1	3. 3	48. 0
8. 2	42. 0	3339. 1	675. 0	-5. 1	-16. 4	308. 7	13. 9	10. 7	-8. 9	300. 0	304. 7	1. 6	40. 4	3. 5	59. 0
9. 1	44. 9	3634. 7	650. 0	-7. 2	-14. 4	309. 7	13. 8	10. 6	-8. 9	300. 8	306. 5	1. 9	55. 3	3. 5	59. 0
10. 2	47. 8	3939. 3	625. 0	-9. 5	-17. 0	311. 6	13. 3	10. 0	-8. 9	301. 6	308. 5	0. 9	54. 4	4. 3	81. 0
11. 2	50. 7	4253. 4	600. 0	-11. 7	-24. 5	312. 2	11. 1	8. 2	-7. 4	302. 6	306. 6	0. 5	50. 4	4. 8	88. 0
12. 3	53. 7	4578. 9	575. 0	-12. 8	-30. 8	304. 7	8. 7	7. 1	-4. 9	305. 0	306. 6	0. 5	20. 4	5. 3	92. 0
13. 4	56. 8	4916. 5	550. 0	-15. 0	-34. 1	303. 8	10. 2	8. 4	-5. 7	306. 3	307. 6	0. 4	17. 7	5. 8	95. 0
14. 5	59. 8	5267. 3	525. 0	-18. 4	-37. 2	311. 9	12. 9	9. 6	-8. 6	308. 7	309. 7	0. 3	14. 6	6. 5	99. 0
15. 6	63. 0	5632. 1	500. 0	-19. 3	-42. 3	316. 4	14. 3	9. 8	-10. 3	309. 6	310. 4	0. 2	13. 5	7. 4	108. 0
17. 1	68. 3	6012. 4	475. 0	-21. 4	-42. 3	310. 8	14. 1	10. 7	-9. 2	311. 5	312. 2	0. 2	13. 5	8. 4	108. 0
18. 5	69. 5	6408. 7	450. 0	-24. 5	-44. 6	307. 9	13. 4	10. 6	-8. 2	312. 4	313. 0	0. 1	13. 5	9. 5	110. 0
19. 8	72. 9	6822. 0	425. 0	-27. 9	-47. 3	308. 6	13. 2	10. 3	-8. 2	313. 2	313. 7	0. 1	13. 5	10. 5	112. 0
21. 4	76. 4	7254. 5	400. 0	-31. 2	-49. 9	308. 6	13. 8	10. 7	-8. 8	314. 4	314. 8	0. 1	13. 5	11. 6	114. 0
22. 9	80. 0	7708. 8	375. 0	-34. 4	-52. 3	313. 2	15. 5	11. 3	-10. 6	316. 1	316. 4	0. 1	14. 3	12. 9	118. 0
24. 7	83. 7	8188. 1	350. 0	-37. 7	-55. 0	317. 3	17. 8	12. 1	-13. 0	317. 9	318. 1	0. 1	14. 3	14. 8	118. 0
26. 6	87. 5	8694. 3	325. 0	-42. 1	-59. 9	317. 0	17. 4	11. 9	-12. 8	318. 6	319. 6	99. 9	99. 9	16. 6	120. 0
28. 6	91. 5	9230. 6	300. 0	-46. 6	-59. 9	311. 0	17. 6	13. 3	-11. 6	319. 7	319. 9	99. 9	99. 9	18. 6	120. 0
30. 7	95. 7	9802. 8	275. 0	-50. 6	-59. 9	313. 0	19. 1	13. 9	-13. 0	322. 0	322. 0	99. 9	99. 9	20. 9	123. 0
33. 2	100. 2	10418. 0	250. 0	-54. 9	-59. 9	315. 5	20. 7	14. 5	-14. 8	324. 5	324. 5	99. 9	99. 9	23. 7	123. 0
35. 4	104. 8	11086. 4	225. 0	-58. 0	-59. 9	309. 4	20. 7	14. 5	-11. 6	329. 7	329. 7	99. 9	99. 9	26. 2	126. 0
37. 7	109. 8	11824. 2	200. 0	-59. 8	-59. 9	298. 1	21. 5	19. 0	-10. 1	338. 1	338. 1	99. 9	99. 9	29. 1	126. 0
40. 7	115. 2	12662. 2	175. 0	-55. 7	-59. 9	281. 0	24. 8	24. 4	-4. 7	358. 0	358. 0	99. 9	99. 9	33. 1	123. 0
44. 4	121. 2	13642. 2	150. 0	-55. 5	-59. 9	277. 9	23. 5	23. 3	-3. 2	374. 4	374. 4	99. 9	99. 9	37. 9	120. 0
48. 7	127. 7	14803. 4	125. 0	-57. 1	-59. 9	273. 9	22. 0	22. 0	-1. 5	391. 2	391. 2	99. 9	99. 9	43. 8	116. 0
54. 0	135. 3	16209. 9	100. 0	-58. 8	-59. 9	276. 4	20. 3	20. 2	-2. 2	414. 2	414. 2	99. 9	99. 9	49. 8	116. 0
60. 5	144. 0	18008. 3	75. 0	-60. 7	-59. 9	267. 3	12. 3	12. 2	0. 6	445. 6	445. 6	99. 9	99. 9	55. 8	112. 0
69. 5	154. 0	20544. 6	50. 0	-57. 1	-59. 9	292. 5	5. 8	5. 3	-2. 2	508. 0	508. 0	99. 9	99. 9	59. 3	110. 0
99. 9	99. 9	99. 9	25. 0	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9	99. 9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 456 TOPEKA, KANSAS													
27 MARCH 1982													
1105 GMT													
TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT
0 0	7 1	268 0	994.5	0 6	-5 0	90 0	7 2	-7 2	0 0	274 2	281 1	2 6	66 0
0 4	99 9	1000 0	994.5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	9 1	427 2	975 0	0 6	-7 1	99 9	99 9	99 9	99 9	275 7	281 8	2 3	58 2
1 2	11 9	635 2	950 0	-1 2	-6 4	999 9	99 9	99 9	99 9	276 0	282 7	2 5	58 2
1 9	14 7	848 1	925 0	0 1	-10 7	999 9	99 9	99 9	99 9	279 4	284 4	1 8	44 0
2 7	17 4	1067 9	900 0	0 1	-12 2	999 9	99 9	99 9	99 9	281 6	286 3	1 7	39 0
3 6	20 3	1293 4	875 0	-0 6	-12 1	131 8	4 4	-3 2	2 9	283 2	288 0	1 7	41 2
4 3	23 1	1524 3	850 0	-2 2	-11 2	114 0	3 8	-3 3	1 5	283 8	289 1	1 9	50 2
5 2	25 9	1760 9	825 0	-3 5	-10 1	109 4	2 3	-2 2	0 8	284 0	290 8	2 2	60 4
5 9	28 8	2003 3	800 0	-5 8	-10 7	160 4	1 0	-0 3	0 9	285 0	290 8	2 1	67 9
6 8	31 6	2251 2	775 0	-7 9	-11 0	166 6	1 6	-0 4	1 6	285 3	291 2	2 1	78 6
7 7	34 6	2505 0	750 0	-10 5	-11 6	121 9	1 6	-1 4	0 9	285 2	291 2	2 1	91 9
8 5	37 4	2785 5	725 0	-11 5	-12 1	48 1	1 2	-0 5	-0 8	286 9	292 7	2 1	95 2
9 5	40 3	3035 9	700 0	-10 6	-11 2	17 4	1 6	-0 5	-1 5	290 8	297 3	2 3	95 2
10 4	43 3	3316 8	675 0	-5 9	-18 4	37 3	2 0	-1 2	-1 6	299 0	303 0	1 3	38 7
11 4	46 4	3612 2	650 0	-9 2	-20 2	54 7	3 6	-2 9	-2 1	301 1	304 7	1 2	33 8
12 5	49 4	3916 9	625 0	-9 2	-22 2	53 5	4 0	-3 3	-2 4	301 9	305 1	1 0	33 8
13 6	52 5	4231 7	600 0	-11 3	-24 1	33 0	3 8	-2 1	-3 2	303 1	305 9	0 9	33 8
14 7	55 7	4556 9	575 0	-13 5	-26 0	34 7	4 5	-2 6	-3 7	304 1	306 7	0 8	33 8
15 0	58 9	4893 6	550 0	-15 2	-27 6	22 4	4 4	-1 7	-4 1	306 0	308 3	0 7	33 8
16 1	62 1	5243 3	525 0	-17 8	-29 8	8 9	4 2	-0 6	-4 2	307 0	309 0	0 5	34 0
17 2	65 4	5607 1	500 0	-19 9	-32 0	358 6	3 6	0 1	-3 6	308 8	310 5	0 5	34 0
18 6	68 9	5985 4	475 0	-22 9	-34 6	337 4	3 2	1 2	-3 0	309 7	311 1	0 4	33 2
19 8	72 3	6379 5	450 0	-26 2	-37 4	302 4	3 9	3 3	-2 1	310 4	311 5	0 3	33 2
21 2	75 9	6790 6	425 0	-29 0	-38 3	289 6	7 0	6 6	-2 4	311 8	312 9	0 3	33 2
22 7	79 5	7221 6	400 0	-31 6	-36 0	279 3	10 5	10 4	-1 7	314 0	315 4	0 4	33 2
24 2	83 3	7675 2	375 0	-34 9	-38 8	275 1	11 3	11 2	-1 0	315 4	316 6	0 3	33 2
25 7	87 1	8154 3	350 0	-37 5	-42 0	284 7	9 7	9 4	-2 5	318 2	319 1	0 3	33 2
27 5	91 1	8681 2	325 0	-42 1	-46 3	285 4	11 3	10 8	-3 2	318 7	319 9	99 9	99 9
29 3	95 3	9198 3	300 0	-46 3	-51 4	290 5	13 5	12 6	-4 7	320 1	320 8	99 9	99 9
31 2	99 6	9770 4	275 0	-51 4	-57 0	296 1	14 4	13 0	-5 6	320 8	321 4	99 9	99 9
33 2	104 0	10381 1	250 0	-57 0	-60 6	290 3	16 2	15 2	-6 3	321 4	322 6	99 9	99 9
35 4	108 8	11040 9	225 0	-60 6	-66 6	281 9	19 5	19 1	-4 0	325 6	326 9	99 9	99 9
37 6	113 6	11774 6	200 0	-66 6	-72 9	282 8	23 7	23 1	-5 2	336 6	337 5	99 9	99 9
40 1	119 2	12611 1	175 0	-56 6	-72 9	287 9	27 7	25 4	-10 8	374 5	374 5	99 9	99 9
42 9	125 5	13591 5	150 0	-55 5	-72 9	293 1	27 5	25 3	-11 8	391 5	391 5	99 9	99 9
45 4	131 5	14749 4	125 0	-57 2	-72 9	298 6	26 7	23 8	-16 2	415 8	415 8	99 9	99 9
50 8	138 3	16161 6	100 0	-57 4	-72 9	298 5	22 6	20 4	-9 0	449 9	449 9	99 9	99 9
55 2	146 0	17970 0	75 0	-58 7	-72 9	298 3	19 0	16 8	-3 4	512 9	512 9	99 9	99 9
61 2	154 7	20542 0	50 0	-55 4	-72 9	308 9	9 7	7 5	-3 1	634 1	634 1	99 9	99 9
69 8	163 7	24989 3	25 0	-52 5	-72 9	8 9	3 4	-0 5	-3 4			99 9	99 9
82 9													

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 458 TOPEKA, KANSAS														102 196. 0		
27 MARCH 1982 1500 GMT																
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	7.5	288.0	997.0	0.6	-5.6	90.0	5.2	-5.2	0.0	274.0	280.6	2.5	83.0	0.0	0.0	
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	
0.5	9.6	446.9	975.0	-0.7	-9.5	102.5	6.5	-6.4	1.4	274.5	279.5	1.9	51.1	0.3	279.	
1.2	12.1	853.8	950.0	-2.4	-9.3	107.5	8.9	-8.5	2.7	274.8	280.1	2.0	58.7	0.8	281.	
1.9	14.5	865.1	925.0	-3.0	-11.2	122.3	10.6	-9.0	5.7	276.3	281.0	1.8	53.0	1.0	287.	
2.6	17.1	1082.5	900.0	-2.0	-11.4	130.2	8.1	-6.2	5.2	279.4	284.2	1.8	48.5	1.4	293.	
3.4	19.6	1206.8	875.0	-1.8	-11.0	124.9	5.3	-4.4	3.0	282.0	287.1	1.9	49.2	1.7	296.	
4.1	22.1	1536.8	850.0	-3.4	-10.1	117.8	4.5	-3.9	2.1	282.6	288.3	2.1	60.1	1.9	297.	
4.9	24.7	1772.3	825.0	-4.9	-9.2	104.4	5.2	-5.0	1.3	283.4	289.7	2.2	71.6	2.1	298.	
5.7	27.2	2013.6	800.0	-6.8	-10.0	84.0	5.2	-5.1	-0.5	283.9	290.8	2.2	77.8	2.3	294.	
6.5	29.9	2260.7	775.0	-8.5	-10.4	77.4	3.6	-3.5	-0.8	284.6	290.9	2.1	86.5	2.5	299.	
7.3	32.8	2514.3	750.0	-10.5	-11.7	84.3	3.5	-3.5	-0.3	285.1	291.8	2.0	91.3	2.7	287.	
8.2	35.2	2774.2	725.0	-12.1	-12.7	77.4	3.9	-3.8	-0.9	286.2	300.5	1.4	40.3	3.0	285.	
9.1	37.9	3045.2	700.0	-5.5	-17.7	82.2	4.0	-4.0	-0.5	296.4	303.3	1.3	33.8	3.2	284.	
10.1	40.7	3331.0	675.0	-5.5	-19.0	102.0	7.8	-2.8	0.6	299.5	304.2	1.2	35.9	3.3	285.	
11.1	43.4	3626.1	650.0	-7.5	-20.0	133.0	1.5	-1.1	1.0	300.5	304.9	1.0	35.1	3.4	285.	
12.0	46.3	3930.3	625.0	-9.4	-21.9	153.3	1.6	-0.7	1.5	301.7	305.1	0.9	34.2	3.5	287.	
13.0	49.1	4244.3	600.0	-11.9	-24.5	159.4	1.8	-0.6	1.7	302.3	305.5	0.8	34.8	3.6	288.	
14.2	52.1	4588.5	575.0	-14.4	-26.5	130.4	1.6	-1.2	1.0	303.1	307.0	0.7	34.9	3.7	289.	
15.4	55.0	4904.2	550.0	-16.3	-28.1	115.6	1.0	-0.9	0.4	304.8	308.2	0.5	35.6	3.7	288.	
16.5	58.1	5252.9	525.0	-18.5	-30.0	109.4	1.1	-1.1	0.4	306.2	309.1	0.5	35.2	3.8	288.	
17.7	61.1	5615.2	500.0	-21.0	-32.3	63.3	1.4	-1.3	-0.6	307.5	309.8	0.4	35.5	3.9	285.	
18.1	64.2	5992.2	475.0	-23.9	-34.8	36.9	1.5	-0.9	-1.2	308.4	310.7	0.4	35.1	4.0	280.	
19.1	67.5	6384.9	450.0	-27.0	-36.9	37.5	2.8	-1.7	-2.2	309.3	311.7	0.4	34.8	4.0	277.	
20.3	70.9	6794.2	425.0	-30.1	-38.8	346.6	4.1	0.9	-2.5	310.4	313.1	0.4	34.0	4.0	274.	
21.9	74.3	7223.5	400.0	-33.2	-37.9	293.0	6.3	5.8	-3.7	311.8	313.5	0.3	33.9	4.0	274.	
23.4	77.7	7673.9	375.0	-36.7	-41.0	303.3	6.5	5.6	-3.1	315.8	318.5	99.9	999.9	1.5	231.	
25.0	81.4	8148.8	350.0	-39.3	-44.1	301.1	5.9	5.0	-3.1	317.2	318.8	99.9	999.9	1.7	192.	
26.8	85.3	8652.4	325.0	-43.2	99.9	302.9	8.8	6.5	-5.0	320.0	320.5	99.9	999.9	2.4	164.	
28.3	89.3	9186.2	300.0	-47.2	99.9	308.6	10.8	7.8	-6.2	320.5	325.8	99.9	999.9	3.4	142.	
30.2	93.2	9758.3	275.0	-51.9	99.9	291.6	10.8	9.6	-3.8	325.8	325.8	99.9	999.9	99.9	999.	
32.2	97.8	10366.3	250.0	-57.6	99.9	278.4	12.7	12.5	-1.8	340.8	340.8	99.9	999.9	99.9	999.	
34.3	102.8	11026.1	225.0	-60.5	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
36.5	107.2	11784.1	200.0	-58.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 456  
TOPEKA, KANSAS  
27 MARCH 1982  
1725 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	252.0	998.0	5.0	-3.1	130.9	5.2	-4.0	3.3	278.3	285.3	2.6	48.0	0.0	0.
99.9	99.9	1000.0	1000.0	99.9	99.9	130.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	99.9	457.7	975.0	3.6	-9.0	129.8	7.9	-6.1	5.1	278.8	284.2	2.0	39.2	0.3	315.
1.3	11.9	887.6	950.0	1.3	-9.5	128.8	7.3	-5.8	4.4	278.5	283.8	2.0	44.2	0.5	315.
1.9	14.8	881.4	925.0	-0.8	-9.8	124.5	7.2	-5.8	4.1	278.5	283.8	2.0	50.4	0.8	309.
2.3	17.2	1099.3	900.0	-3.2	-9.9	115.7	7.1	-6.4	3.1	278.3	283.6	2.0	59.3	1.1	308.
2.8	19.9	1322.5	875.0	-2.4	-12.7	110.4	7.2	-6.7	2.5	281.3	285.8	1.6	45.0	1.4	304.
4.0	22.8	1552.2	825.0	-3.9	-13.2	115.3	5.8	-5.2	2.3	282.1	286.6	1.9	48.4	1.7	301.
4.8	25.3	1787.4	825.0	-5.3	-11.9	119.7	4.8	-4.0	2.3	283.0	288.8	2.1	78.6	2.2	301.
5.5	28.1	2028.0	800.0	-7.7	-10.7	108.5	5.0	-4.8	1.6	283.0	289.1	1.9	78.4	2.4	299.
6.4	30.9	2274.4	775.0	-9.2	-12.3	91.0	5.2	-5.2	0.1	283.8	292.0	2.2	92.7	2.6	295.
6.4	33.8	2528.0	750.0	-9.9	-10.8	69.6	4.1	-3.8	-1.4	285.9	293.9	2.2	93.7	2.8	291.
8.3	38.6	2789.1	725.0	-10.7	-10.5	87.8	4.3	-4.2	-0.2	296.2	299.9	1.2	94.8	3.0	291.
9.2	42.3	3082.1	700.0	-10.7	-11.5	122.8	4.2	-3.5	2.3	298.4	302.3	1.3	96.1	3.2	292.
10.1	45.3	3347.0	675.0	-8.1	-18.8	156.0	3.4	-1.4	3.1	299.9	303.4	1.2	98.1	3.3	292.
11.1	48.3	3641.0	650.0	-6.4	-20.4	139.2	3.0	-1.9	2.2	301.4	305.0	1.1	98.8	3.3	295.
12.1	51.2	3945.1	625.0	-11.6	-21.0	105.5	3.6	-3.5	1.0	302.7	305.7	1.0	98.9	3.3	294.
13.2	54.4	4259.3	600.0	-13.8	-25.5	96.7	4.4	-4.5	0.5	303.7	308.4	0.8	98.6	4.0	293.
14.3	57.5	4584.1	575.0	-15.1	-26.3	100.3	3.3	-4.4	2.2	308.2	310.2	0.7	98.4	4.3	292.
15.4	60.6	4920.8	550.0	-17.0	-26.3	123.0	3.0	-0.4	2.8	307.9	310.2	0.5	98.2	4.4	292.
16.4	63.6	5271.4	525.0	-18.8	-26.3	172.7	2.9	-0.7	1.8	309.8	311.6	0.5	98.0	4.5	298.
17.8	67.3	5635.0	500.0	-20.6	-31.4	152.4	1.9	-0.7	1.8	310.3	312.0	0.5	98.0	4.8	298.
19.0	70.7	6012.9	475.0	-22.7	-32.2	181.4	1.9	-0.6	1.8	311.6	313.4	0.5	98.2	4.8	301.
20.2	74.3	6406.7	450.0	-26.2	-33.6	231.2	3.0	2.4	1.9	313.6	314.6	0.4	98.2	4.8	305.
21.5	77.9	6818.1	425.0	-32.9	-37.7	260.8	2.6	2.4	1.5	313.7	314.6	0.4	98.2	4.8	305.
22.9	81.5	7248.2	400.0	-38.9	-41.2	313.3	2.1	1.8	-1.0	316.3	317.0	0.2	98.2	4.8	305.
24.5	85.3	7699.6	375.0	-43.1	-44.6	205.2	1.7	1.4	1.2	317.2	317.0	0.2	98.2	4.8	305.
26.1	89.2	8175.3	350.0	-47.1	-49.9	247.4	3.2	2.8	-1.0	319.0	319.0	0.2	98.2	4.8	305.
27.7	93.2	8678.9	325.0	-51.3	-59.9	290.0	3.0	2.8	-1.0	321.0	321.0	0.2	98.2	4.8	305.
29.5	97.6	9213.8	300.0	-55.3	-59.9	320.8	4.3	4.1	-3.3	322.5	322.5	0.2	98.2	4.8	305.
31.4	102.0	9784.3	275.0	-58.8	-59.9	314.4	5.7	9.2	-4.0	324.3	324.3	0.2	98.2	4.8	305.
33.5	106.8	10396.7	250.0	-58.8	-59.9	292.3	9.9	16.1	-4.0	325.6	325.6	0.2	98.2	4.8	305.
35.7	111.8	11059.9	225.0	-55.9	-59.9	284.0	16.6	18.9	-6.6	327.5	327.5	0.2	98.2	4.8	305.
38.2	117.0	12857.0	200.0	-53.7	-59.9	289.5	20.1	21.1	-7.7	327.5	327.5	0.2	98.2	4.8	305.
40.8	123.0	13844.1	175.0	-54.7	-59.9	287.4	22.5	21.1	-7.7	327.5	327.5	0.2	98.2	4.8	305.
44.0	129.0	14813.9	150.0	-54.2	-59.9	290.3	21.4	20.0	-7.6	327.5	327.5	0.2	98.2	4.8	305.
47.6	136.0	16237.0	125.0	-56.3	-59.9	291.1	17.1	15.3	-7.6	327.5	327.5	0.2	98.2	4.8	305.
52.1	143.7	18050.1	100.0	-57.8	-59.9	298.5	17.1	15.3	-7.6	327.5	327.5	0.2	98.2	4.8	305.
57.7	152.0	20841.8	50.0	-54.9	-59.9	278.0	6.8	6.7	-0.9	327.5	327.5	0.2	98.2	4.8	305.
65.2	160.7	25122.6	25.0	-51.2	-59.9	999.9	99.9	99.9	99.9	327.5	327.5	0.2	98.2	4.8	305.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY TEMP MEANS ELEVATION ANGLE LESS THAN 8 DEG

\*\*\* BY TEMP MEANS MISSING DATA STRATON EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 456  
TOPEKA, KANSAS  
27 MARCH 1982  
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 7	268.0	996.5	8.9	-3.9	120.0	5.2	-4.5	2.6	282.3	290.0	2.9	40.0	0.0	0
0 9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
0 8	10.0	447.6	975.0	6.5	-6.6	99.9	99.9	99.9	99.9	281.7	288.2	2.4	38.4	999.9	999
1 3	12.6	660.0	950.0	4.6	-7.1	99.9	99.9	99.9	99.9	281.8	288.2	2.4	42.5	999.9	999
2 9	15.2	876.1	925.0	2.0	-8.6	99.9	99.9	99.9	99.9	281.4	287.7	2.2	45.2	0.7	286
3 7	17.9	1096.5	900.0	0.1	-10.8	121.0	5.5	-4.7	2.6	281.6	287.3	2.2	52.1	0.9	291
4 4	20.6	1321.5	875.0	-1.7	-12.2	113.0	5.3	-4.9	2.1	282.0	287.3	1.9	49.9	1.2	293
5 2	23.2	1551.5	850.0	-3.5	-13.2	117.8	5.1	-4.7	1.8	282.8	287.5	1.8	50.6	1.4	292
6 1	25.9	1786.5	825.0	-5.5	-14.4	114.4	4.7	-4.1	2.2	283.1	288.1	1.8	54.3	1.6	292
6 9	28.7	2027.0	800.0	-7.6	-15.5	102.4	4.4	-3.9	1.8	283.5	288.7	1.9	79.1	2.1	293
7 8	31.4	2273.3	775.0	-9.6	-16.6	96.5	4.4	-3.2	0.9	286.7	292.7	2.1	83.5	2.2	291
8 6	34.2	2527.0	750.0	-11.4	-17.7	130.5	3.2	-3.0	0.4	291.9	294.3	0.8	25.3	2.4	291
8 8	37.0	2790.2	725.0	-13.4	-18.8	158.3	4.0	-3.7	2.6	296.8	299.9	1.0	26.9	2.6	294
9 6	39.9	3085.4	700.0	-15.4	-19.4	162.3	4.2	-1.7	3.8	298.2	301.9	1.2	25.5	2.8	298
10 5	42.8	3350.6	675.0	-17.4	-21.2	148.3	3.3	-1.0	3.1	299.8	302.7	1.0	30.0	2.9	300
11 6	45.6	3644.4	650.0	-19.4	-22.6	145.1	3.8	-1.8	3.1	301.4	304.3	1.0	32.6	3.1	301
12 6	48.6	3948.4	625.0	-21.0	-23.0	155.5	4.2	-2.1	3.8	303.1	305.6	0.8	30.2	3.3	303
13 6	51.6	4262.8	600.0	-23.3	-25.3	164.3	4.7	-2.7	4.5	304.3	306.6	0.7	30.9	3.5	306
14 6	54.6	4588.0	575.0	-25.9	-26.9	173.3	5.4	-0.6	5.4	305.4	307.5	0.6	31.0	3.8	310
15 6	57.8	4924.8	550.0	-28.9	-28.9	178.2	4.6	-0.1	4.6	306.7	308.5	0.5	31.0	4.1	314
16 9	60.9	5274.0	525.0	-31.0	-31.0	169.6	3.7	-0.7	3.7	308.5	310.1	0.5	31.3	4.3	316
18 3	64.1	5637.5	500.0	-32.6	-32.6	160.6	3.6	-1.2	3.4	310.5	312.2	0.5	31.3	4.8	318
19 5	67.4	6016.4	475.0	-34.2	-34.2	150.6	3.5	-1.2	3.2	311.4	313.6	0.7	31.3	4.8	320
20 9	70.9	6411.3	450.0	-35.3	-35.3	194.2	3.3	0.6	3.2	312.6	314.3	0.5	31.3	4.9	323
22 4	74.3	6823.7	425.0	-37.4	-37.4	225.0	3.1	2.2	2.2	313.5	314.8	0.4	31.3	4.9	325
23 7	77.9	7255.0	400.0	-39.9	-39.9	223.9	2.2	1.8	1.3	314.5	315.4	0.3	31.3	5.0	327
25 2	81.5	7707.5	375.0	-41.6	-41.6	227.1	1.9	2.8	3.6	316.2	317.0	0.2	31.3	5.0	330
26 7	85.3	8184.8	350.0	-43.0	-43.0	247.2	3.4	3.1	3.3	317.2	317.9	0.2	31.3	5.0	335
28 4	89.2	8688.4	325.0	-44.2	-44.2	323.1	0.9	0.5	-0.7	320.1	320.1	99.9	99.9	5.0	337
30 3	93.2	9224.4	300.0	-46.3	-46.3	303.3	2.1	1.8	-1.2	321.3	321.3	99.9	99.9	5.0	337
32 4	97.5	9796.4	275.0	-48.3	-48.3	303.9	4.6	4.0	-2.7	323.1	323.1	99.9	99.9	4.6	341
34 5	101.8	10410.2	250.0	-50.8	-50.8	286.3	9.2	8.2	-4.1	328.7	328.7	99.9	99.9	4.6	349
37 0	106.6	11074.4	225.0	-53.6	-53.6	288.5	16.4	15.5	-5.2	345.5	345.5	99.9	99.9	3.4	19
39 4	111.4	11820.5	200.0	-55.1	-55.1	284.6	19.1	18.9	-4.8	359.2	359.2	99.9	99.9	4.6	61
42 3	116.7	12673.6	175.0	-57.0	-57.0	284.2	22.5	21.9	-5.5	376.5	376.5	99.9	99.9	8.1	80
45 7	122.4	13662.1	150.0	-59.3	-59.3	288.9	23.3	22.0	-7.5	395.4	395.4	99.9	99.9	13.0	91
49 3	128.5	14829.2	125.0	-61.2	-61.2	289.9	22.8	21.4	-7.8	419.1	419.1	99.9	99.9	19.2	97
53 9	135.3	16252.3	100.0	-63.0	-63.0	289.9	16.2	14.6	-7.0	453.1	453.1	99.9	99.9	25.7	102
59 6	143.0	18072.1	75.0	-64.6	-64.6	289.9	8.7	8.6	-1.4	515.0	515.0	99.9	99.9	30.8	104
67 1	151.3	20661.5	50.0	-67.2	-67.2	279.0	4.7	4.5	-1.4	640.2	640.2	99.9	99.9	34.1	103
78 2	160.0	25141.5	25.0	-70.3	-70.3	252.6	8.7	4.5	1.4						

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 458  
TOPEKA, KANSAS

27 MARCH 1982  
2300 GMT

167 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	268.0	995.4	8.9	-5.0	90.0	4.1	-4.1	0.0	282.4	289.6	2.7	37.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	9.5	438.8	975.0	6.8	-6.3	100.0	2.8	-2.8	0.5	282.1	288.7	2.4	38.3	0.2	267.0
1.2	12.2	651.3	950.0	4.8	-8.0	90.5	5.3	-5.3	0.0	282.1	288.0	2.2	38.8	0.2	270.0
1.8	14.8	867.9	925.0	2.7	-8.5	88.6	5.9	-5.9	-0.1	282.0	288.0	2.2	43.4	0.5	269.0
2.4	17.4	1088.9	900.0	0.8	-8.7	89.1	5.5	-5.5	-0.1	282.3	288.3	2.2	48.8	0.7	269.0
3.0	20.1	1314.5	875.0	-1.1	-8.2	91.5	5.4	-5.4	0.1	282.6	288.8	2.3	58.3	0.9	269.0
3.8	22.9	1544.5	850.0	-3.6	-8.7	97.0	5.0	-5.0	0.7	282.4	288.8	2.4	67.6	1.2	270.0
4.6	25.7	1779.6	825.0	-5.9	-8.9	108.0	5.0	-4.7	1.5	282.3	288.8	2.4	79.6	1.4	272.0
5.5	28.3	2020.1	800.0	-7.3	-11.1	101.8	3.3	-3.2	0.7	283.4	289.1	2.1	74.2	1.7	274.0
6.2	31.1	2287.2	775.0	-8.1	-11.9	93.3	1.8	-1.8	0.1	285.1	289.6	1.2	45.4	1.9	275.0
7.1	34.0	2552.2	750.0	-7.4	-20.0	138.2	3.9	-2.6	2.9	288.5	291.8	1.0	35.7	2.0	282.0
7.9	36.8	2787.5	725.0	-5.1	-26.5	172.9	5.1	-0.6	5.0	293.9	295.7	0.6	16.8	2.0	282.0
8.9	39.7	3063.2	700.0	-5.2	-23.8	176.8	3.9	-0.2	3.8	296.7	299.2	0.8	21.7	2.1	290.0
9.8	42.5	3347.8	675.0	-6.6	-23.8	158.0	3.1	-1.3	2.8	298.3	301.2	0.7	27.9	2.2	294.0
10.9	45.5	3641.8	650.0	-7.9	-22.6	145.8	4.0	-2.2	3.3	300.0	302.1	0.7	20.5	2.3	297.0
11.9	48.4	3945.7	625.0	-10.1	-28.2	148.0	5.1	-2.7	4.3	301.0	303.2	0.6	25.4	2.4	300.0
13.0	51.5	4259.3	600.0	-11.9	-28.1	148.2	6.0	-3.3	5.0	302.4	304.4	0.5	21.0	2.5	303.0
14.0	54.5	4583.9	575.0	-13.8	-31.4	149.4	5.7	-2.9	4.9	303.8	305.4	0.5	41.8	2.6	306.0
15.2	57.6	4911.0	550.0	-15.4	-25.8	147.6	4.6	-1.0	4.5	305.8	308.6	0.9	57.1	2.8	309.0
16.4	60.9	5270.7	525.0	-17.7	-24.2	178.3	5.1	-0.1	5.1	307.1	310.4	1.0	52.3	3.1	313.0
17.6	64.0	5634.4	500.0	-20.0	-27.3	176.6	4.9	-0.3	4.9	308.6	311.2	0.8	52.3	3.4	316.0
18.9	67.4	6013.1	475.0	-22.5	-27.1	200.6	3.3	-1.2	3.1	310.2	313.0	0.7	66.0	4.1	319.0
20.1	70.6	6408.0	450.0	-25.6	-30.1	202.9	3.1	-1.2	2.9	311.1	313.4	0.7	65.5	4.4	322.0
21.7	74.1	6819.9	425.0	-28.6	-35.3	200.0	3.4	-1.2	3.2	312.4	313.9	0.4	52.0	4.5	325.0
23.2	77.7	7231.6	400.0	-32.2	-38.5	224.5	5.3	-2.1	4.9	314.4	315.6	0.3	52.7	5.0	325.0
24.9	81.4	7704.8	375.0	-35.3	-43.2	234.8	6.0	-4.9	5.5	315.9	316.5	0.2	43.8	5.1	342.0
26.5	85.0	8181.5	350.0	-39.2	-46.6	236.1	6.8	-5.8	6.0	317.7	318.5	0.2	44.8	5.4	349.0
28.4	89.0	8685.1	325.0	-42.8	-49.9	232.2	4.8	-3.8	5.2	319.5	319.9	0.3	999.9	5.5	352.0
30.2	93.0	9220.7	300.0	-46.8	-53.2	232.7	2.1	-2.9	4.4	319.5	319.9	0.3	999.9	5.5	355.0
32.3	97.3	9791.6	275.0	-51.5	-59.9	232.7	2.9	-2.9	4.4	319.5	319.9	0.3	999.9	5.5	359.0
34.6	101.8	10403.0	250.0	-56.6	-59.9	234.2	4.0	-3.3	-2.2	319.5	319.9	0.3	999.9	5.5	361.0
36.9	106.4	11088.5	225.0	-58.1	-59.9	291.5	8.4	-7.8	-3.1	319.5	319.9	0.3	999.9	5.5	361.0
39.8	111.8	11810.5	200.0	-58.4	-59.9	290.7	14.8	13.9	-5.2	319.5	319.9	0.3	999.9	5.5	361.0
42.8	117.0	12662.0	175.0	-54.5	-59.9	281.8	19.6	19.2	-4.0	319.5	319.9	0.3	999.9	5.5	361.0
46.3	123.0	13648.8	150.0	-54.0	-59.9	288.1	22.2	21.1	-6.9	319.5	319.9	0.3	999.9	5.5	361.0
50.5	128.7	14818.1	125.0	-55.0	-59.9	287.7	22.3	21.2	-6.8	319.5	319.9	0.3	999.9	5.5	361.0
55.4	137.3	16239.0	100.0	-57.2	-59.9	288.5	22.0	21.1	-6.2	319.5	319.9	0.3	999.9	5.5	361.0
59.4	146.0	18034.0	75.0	-57.0	-59.9	293.2	16.7	15.3	-8.6	319.5	319.9	0.3	999.9	5.5	361.0
61.4	156.3	20839.3	50.0	-55.3	-59.9	294.7	10.5	9.5	-4.4	319.5	319.9	0.3	999.9	5.5	361.0
81.4	187.5	25093.7	25.0	-52.2	-59.9	999.9	99.9	99.9	99.9	634.7	999.9	99.9	999.9	36.8	103.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 458  
TOPEKA, KANSAS

28 MARCH 1982  
215 GMT

151 25. 0

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	268.0	998.0	3.9	-5.6	120.0	3.1	-2.7	1.5	277.4	284.1	2.5	50.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	-9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	9.6	442.0	975.0	4.9	-7.7	119.1	8.8	-7.7	4.3	280.1	288.0	2.2	37.3	0.2	290.
1.3	12.0	653.1	950.0	3.1	-9.8	122.1	9.0	-7.6	4.8	280.4	285.6	1.9	37.9	0.6	296.
2.0	14.5	1088.6	925.0	1.3	-9.6	121.2	8.7	-7.5	4.5	280.6	286.0	2.0	44.0	1.0	299.
2.8	16.9	1088.1	900.0	-1.0	-10.1	121.8	7.1	-6.0	3.7	280.5	285.8	2.0	49.7	1.3	299.
3.5	19.4	1312.3	875.0	-3.0	-10.2	126.2	5.3	-4.3	3.1	280.7	286.2	2.0	57.5	1.6	300.
4.5	21.8	1541.0	850.0	-5.1	-10.4	125.9	3.7	-3.0	2.2	280.8	286.4	2.0	66.3	1.9	301.
5.2	24.3	1775.2	825.0	-5.5	-17.4	130.7	2.6	-2.0	1.7	280.8	286.2	1.2	38.4	2.0	301.
6.0	26.8	2016.4	800.0	-6.0	-15.3	130.7	1.6	-0.4	1.5	280.8	286.2	1.5	47.6	2.1	302.
7.0	29.4	2265.2	775.0	-5.5	-20.0	188.0	3.7	0.5	3.6	284.8	290.8	1.0	30.9	2.2	305.
7.6	32.0	2522.6	750.0	-5.8	-13.2	200.5	4.3	1.5	4.0	290.2	295.5	1.8	55.9	2.2	309.
8.7	34.6	2788.3	725.0	-6.0	-14.7	187.1	4.4	0.5	4.4	292.9	297.9	1.7	51.3	2.3	316.
9.6	37.2	3063.4	700.0	-6.5	-20.7	159.1	5.3	-1.9	4.9	295.9	299.2	1.1	32.0	2.5	319.
10.7	39.9	3348.0	675.0	-7.9	-22.7	144.8	6.8	-3.9	5.5	298.4	301.2	0.9	26.3	2.9	320.
11.7	42.6	3642.4	650.0	-8.8	-24.6	141.2	8.2	-5.1	6.4	301.2	303.0	1.0	29.4	3.4	321.
12.7	45.3	3946.2	625.0	-9.8	-27.2	147.0	8.0	-4.5	7.0	301.2	303.8	0.8	28.4	3.9	321.
13.6	48.1	4260.0	600.0	-11.8	-27.2	158.7	8.0	-2.9	7.4	302.5	304.7	0.7	26.4	4.4	325.
15.0	51.0	4584.6	575.0	-13.8	-25.2	168.0	6.8	-0.6	6.6	303.9	306.6	0.9	27.2	4.9	325.
16.3	53.9	4920.6	550.0	-16.8	-17.8	174.8	6.1	0.2	6.1	308.1	309.4	1.8	94.5	5.3	327.
17.4	56.8	5289.1	525.0	-18.4	-19.5	182.0	5.9	0.2	5.9	308.3	311.1	1.5	91.2	5.7	329.
18.8	59.9	5632.0	500.0	-20.4	-25.4	191.1	6.2	1.2	6.1	308.2	311.3	1.0	83.9	6.1	332.
20.1	62.9	6009.8	475.0	-23.4	-28.6	188.4	5.9	0.9	5.8	309.0	311.5	0.8	62.3	6.5	335.
21.6	66.0	6403.1	450.0	-26.3	-31.4	184.4	5.6	0.4	5.6	310.1	312.1	0.8	62.0	6.9	337.
23.2	69.3	6813.6	425.0	-29.5	-34.1	188.6	5.4	0.8	5.3	311.2	312.9	0.5	64.3	7.4	339.
24.9	72.6	7243.9	400.0	-32.6	-39.0	220.2	3.4	2.2	2.6	312.6	313.7	0.3	52.8	7.8	341.
26.7	75.0	7695.4	375.0	-35.9	-43.8	274.3	3.5	3.4	-0.3	314.1	314.8	0.2	43.9	7.8	343.
28.7	79.6	8171.3	350.0	-39.6	-49.9	264.2	4.5	3.5	0.5	315.3	315.9	99.9	99.9	7.8	348.
30.6	83.2	8673.6	325.0	-43.7	-55.9	262.4	4.0	4.0	0.5	315.5	316.5	99.9	99.9	7.5	350.
32.7	87.0	9206.6	300.0	-47.8	-61.9	258.1	2.7	2.7	0.6	317.9	317.9	99.9	99.9	7.5	353.
35.0	91.0	9774.6	275.0	-52.7	-67.9	275.3	3.9	3.9	-0.4	318.9	318.9	99.9	99.9	7.4	357.
37.4	95.2	10383.6	250.0	-57.5	-73.9	302.9	4.5	3.8	-2.5	320.6	320.6	99.9	99.9	7.4	357.
39.9	99.6	11044.6	225.0	-59.9	-79.9	300.1	8.2	7.1	-4.1	326.8	326.8	99.9	99.9	6.9	357.
42.6	104.2	11784.3	200.0	-57.6	-85.9	286.3	13.6	13.0	-3.8	341.6	341.6	99.9	99.9	6.9	357.
45.0	109.4	12631.3	175.0	-55.8	-91.9	281.5	18.1	17.7	-3.6	357.9	357.9	99.9	99.9	6.9	357.
49.7	115.0	13514.8	150.0	-58.2	-98.9	282.2	20.8	20.4	-4.4	373.3	373.3	99.9	99.9	6.9	357.
54.1	121.2	14771.7	125.0	-56.5	-105.9	286.9	22.1	21.1	-6.4	392.7	392.7	99.9	99.9	6.9	357.
59.0	128.3	16184.3	100.0	-57.0	-112.9	286.0	22.0	21.1	-6.1	417.6	417.6	99.9	99.9	6.9	357.
65.0	136.7	17990.8	75.0	-60.4	-120.9	299.2	17.0	14.9	-8.3	446.3	446.3	99.9	99.9	6.9	357.
72.9	146.3	20548.1	50.0	-55.2	-128.9	309.8	8.4	6.5	-5.4	513.6	513.6	99.9	99.9	6.9	357.
85.8	157.0	24972.6	25.0	-53.7	-137.9	999.9	99.9	99.9	99.9	630.3	630.3	99.9	99.9	6.9	357.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 456  
TOPEKA, KANSAS  
28 MARCH 1982  
515 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	268.0	997.0	-0.6	-5.8	100.0	2.1	-2.1	0.4	272.8	279.3	2.5	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	9.2	448.0	975.0	2.7	-7.9	122.4	11.1	-9.3	5.9	277.8	283.6	2.2	45.4	0.2	295.
1.3	11.8	858.1	950.0	2.4	-9.9	128.9	10.6	-8.2	6.5	279.6	284.8	1.9	39.8	0.7	301.
2.0	14.4	872.9	925.0	0.8	-10.4	135.3	8.4	-4.8	6.9	280.0	285.1	1.9	43.3	1.1	308.
2.7	17.0	1092.3	900.0	-0.8	-9.8	167.3	7.4	-1.6	7.2	280.7	286.2	2.0	50.4	1.4	313.
3.5	19.6	1316.7	875.0	-2.5	-10.2	185.1	7.0	0.8	7.0	281.1	286.8	2.0	55.7	1.7	321.
4.3	22.2	1516.1	850.0	-4.1	-11.8	198.0	5.5	1.5	5.3	281.8	286.9	1.8	55.0	1.9	329.
4.9	24.8	1781.2	825.0	-5.0	-20.8	198.7	4.1	1.3	3.9	283.4	285.9	0.9	27.5	2.0	333.
5.8	27.6	2022.5	800.0	-5.9	-20.9	201.2	3.7	1.3	3.4	284.9	287.8	0.9	30.2	2.1	336.
6.4	30.2	2271.8	775.0	-5.1	-13.9	219.9	4.6	3.0	3.6	288.3	293.1	1.7	50.1	2.3	340.
7.5	33.2	2528.7	750.0	-6.6	-8.0	214.3	4.1	2.3	3.4	289.4	297.2	2.8	89.4	2.3	346.
8.2	35.8	2732.8	725.0	-5.8	-11.0	214.3	5.0	0.5	5.0	289.4	297.2	2.3	66.4	2.5	348.
9.0	38.8	3089.5	700.0	-5.1	-20.8	189.4	8.8	-1.2	6.7	288.8	300.0	1.0	27.8	2.5	348.
9.9	41.4	3354.7	675.0	-5.8	-21.8	181.0	8.6	-2.8	8.1	289.2	302.2	1.0	28.8	3.2	348.
10.8	44.3	3649.7	650.0	-7.4	-22.2	184.3	10.0	-2.7	9.7	300.6	303.7	0.8	29.5	3.7	347.
11.7	47.2	3953.9	625.0	-9.7	-24.3	170.8	10.8	-1.7	10.4	301.4	304.0	0.8	29.1	4.3	347.
12.7	50.1	4267.7	600.0	-11.9	-25.2	174.9	9.2	-0.8	9.1	302.4	305.0	0.8	32.0	4.9	348.
13.7	53.3	4592.2	575.0	-14.2	-15.2	174.9	7.7	-0.7	7.7	303.4	309.5	2.0	92.1	5.4	349.
14.8	56.4	4938.2	550.0	-16.8	-17.1	182.1	6.3	0.2	6.3	304.1	309.6	1.8	97.9	5.8	349.
15.8	59.5	5276.3	525.0	-19.1	-19.4	175.5	6.6	-0.1	6.6	305.5	310.7	1.6	97.4	6.2	350.
16.9	62.7	5637.8	500.0	-21.7	-22.1	174.5	7.6	-0.7	7.5	306.6	310.7	1.3	96.8	6.6	350.
18.1	66.0	6014.3	475.0	-23.6	-27.2	160.7	7.9	-0.1	7.9	308.8	311.6	0.9	71.6	7.2	351.
19.3	69.4	6407.7	450.0	-26.2	-30.3	201.2	7.4	2.7	6.9	310.4	312.6	0.7	67.6	7.8	352.
20.6	72.8	6818.8	425.0	-29.5	-34.3	211.8	6.2	3.2	5.3	312.3	313.4	0.5	62.8	8.2	354.
22.0	76.3	7248.3	400.0	-32.8	-39.6	208.5	3.3	1.8	2.9	312.3	313.4	0.3	50.3	8.5	358.
23.6	80.0	7699.4	375.0	-36.1	-44.2	248.7	1.5	1.4	0.5	313.9	314.6	0.2	42.2	8.6	358.
25.3	83.7	8175.4	350.0	-39.8	-47.9	282.5	1.9	1.8	-0.4	315.1	315.1	99.9	99.9	8.6	359.
27.1	87.7	8677.5	325.0	-43.7	-49.9	282.7	1.7	1.7	0.2	316.4	316.4	99.9	99.9	8.6	359.
28.9	91.7	9210.9	300.0	-47.9	-52.7	275.4	3.2	3.2	-0.3	317.9	317.9	99.9	99.9	8.6	359.
31.1	96.0	9778.9	275.0	-52.7	-59.9	275.4	4.3	4.0	-1.7	318.9	318.9	99.9	99.9	8.6	359.
33.3	100.4	10387.8	250.0	-57.6	-66.0	275.4	4.3	3.0	-2.0	320.5	320.5	99.9	99.9	8.6	359.
35.6	105.2	11047.3	225.0	-60.3	-69.9	287.8	8.2	7.8	-2.5	320.5	320.5	99.9	99.9	8.6	359.
37.9	110.2	11782.5	200.0	-58.5	-69.9	285.6	12.9	12.4	-3.5	320.5	320.5	99.9	99.9	8.6	359.
41.0	115.6	12629.3	175.0	-55.7	-69.9	285.6	18.6	18.1	-4.9	320.5	320.5	99.9	99.9	8.6	359.
44.5	121.5	13612.3	150.0	-55.9	-69.9	281.3	22.5	22.1	-4.4	320.5	320.5	99.9	99.9	8.6	359.
48.5	127.7	14772.3	125.0	-56.2	-69.9	287.7	22.6	21.6	-6.9	320.5	320.5	99.9	99.9	8.6	359.
53.4	135.0	16184.4	100.0	-59.1	-69.9	287.7	14.9	13.9	-5.4	320.5	320.5	99.9	99.9	8.6	359.
59.3	143.0	17955.8	75.0	-60.2	-69.9	287.7	14.9	13.9	-5.4	320.5	320.5	99.9	99.9	8.6	359.
67.5	152.3	20538.1	50.0	-57.7	-69.9	283.0	8.0	7.9	-1.0	507.5	507.5	99.9	99.9	33.8	92.
80.3	162.0	24946.1	25.0	-53.7	-69.9	999.9	99.9	99.9	99.9	630.3	630.3	99.9	99.9	34.8	93.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 458  
TOPEKA, KANSAS

28 MARCH 1952

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

168 9. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DC K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	282.0	995.5	-1.1	-5.7	90.0	2.8	-2.6	0.0	272.4	278.9	2.5	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.3	434.7	975.0	0.0	-8.2	999.9	99.9	99.9	99.9	275.2	280.8	2.1	53.9	999.9	999.9
1.4	12.0	843.0	950.0	1.8	-8.4	999.9	99.9	99.9	99.9	275.2	284.6	2.1	47.0	999.9	999.9
2.1	14.8	858.5	925.0	7.0	-8.0	183.1	9.7	10.5	7.9	281.4	287.1	2.1	43.5	999.9	999.9
2.9	17.3	1079.3	900.0	1.2	-10.0	191.2	8.0	1.8	6.8	282.7	288.2	2.0	43.1	1.5	350.
3.6	20.1	1203.1	875.0	-1.0	-10.1	195.2	7.1	1.9	6.8	283.0	288.4	2.0	50.0	1.6	355.
4.4	22.9	1535.6	850.0	-3.1	-9.5	197.8	5.5	1.7	5.2	283.3	289.0	2.2	61.1	2.1	358.
5.2	25.7	1771.2	825.0	-5.0	-9.9	200.5	4.8	2.3	4.6	285.0	289.7	2.4	74.3	2.2	360.
5.9	28.5	2012.5	800.0	-5.8	-10.5	206.5	8.0	2.0	5.7	288.7	293.4	2.4	81.2	2.3	362.
6.8	31.3	2281.4	775.0	-8.8	-9.4	199.0	7.0	-0.2	7.0	289.4	297.8	3.0	98.4	2.5	364.
7.8	34.2	2517.8	750.0	-8.6	-7.1	178.7	11.1	0.1	11.1	289.4	304.5	3.6	95.8	2.5	366.
8.4	37.1	2783.7	725.0	-4.6	-5.0	180.7	12.2	0.2	12.2	295.2	305.8	3.4	98.2	2.5	368.
9.4	40.1	3080.1	700.0	-7.4	-6.3	161.4	12.0	0.2	12.0	297.4	308.4	2.1	95.8	2.5	370.
10.2	43.1	3244.8	675.0	-7.4	-7.9	180.8	10.4	0.6	10.4	298.7	308.9	2.2	95.8	2.5	372.
11.2	46.1	3823.2	650.0	-9.0	-9.6	182.2	9.8	0.5	9.8	300.5	308.9	2.6	94.2	2.5	374.
12.2	49.1	3941.0	625.0	-10.5	-11.1	182.8	9.7	-0.1	9.7	302.8	308.9	2.1	94.2	2.5	376.
13.2	52.3	4254.5	600.0	-12.0	-14.2	179.2	9.7	0.0	9.7	303.8	309.3	1.8	79.4	2.5	378.
14.2	55.4	4579.3	575.0	-13.8	-16.8	180.0	8.8	0.9	8.8	305.3	310.1	1.4	79.7	2.5	380.
15.4	58.6	4915.8	550.0	-15.9	-21.1	214.2	5.7	3.2	4.7	306.3	310.5	1.4	61.2	2.5	382.
16.8	62.0	5264.7	525.0	-18.5	-21.1	239.5	4.4	3.8	3.2	308.5	311.6	0.9	46.1	2.5	384.
17.8	65.3	5628.0	500.0	-20.1	-25.0	233.1	4.9	3.9	3.0	310.0	312.0	0.6	46.1	2.5	386.
19.1	68.7	6008.5	475.0	-22.8	-25.5	234.2	5.3	4.3	3.1	310.9	312.2	0.4	46.1	2.5	388.
20.4	72.3	6401.1	450.0	-25.8	-25.5	234.2	5.1	4.5	3.4	311.6	312.3	0.4	46.1	2.5	390.
21.8	75.9	6812.2	425.0	-28.2	-27.0	241.7	5.1	4.5	3.4	311.6	312.3	0.4	46.1	2.5	392.
23.3	79.8	7241.7	400.0	-33.2	-41.3	238.8	6.0	4.4	3.1	314.8	312.8	0.3	43.8	2.5	394.
24.9	83.3	7693.0	375.0	-35.7	-47.9	255.4	4.5	4.4	1.1	315.9	314.8	0.1	27.3	2.5	396.
26.5	87.3	8189.1	350.0	-39.2	-59.9	281.9	5.5	5.2	-1.1	317.1	315.9	99.9	99.9	10.2	21.
28.3	91.3	8672.0	325.0	-42.3	-59.9	299.0	7.1	7.1	-3.5	317.8	317.8	99.9	99.9	10.2	21.
30.2	95.5	9207.2	300.0	-47.9	-59.9	298.9	8.1	8.1	-3.9	319.4	319.4	99.9	99.9	10.1	21.
32.0	99.8	9775.3	275.0	-52.8	-59.9	290.0	9.1	8.5	-3.1	320.4	319.4	99.9	99.9	10.1	21.
34.1	104.5	10324.3	250.0	-57.6	-59.9	302.8	11.1	10.4	-2.8	325.3	319.4	99.9	99.9	10.5	21.
36.2	109.4	11042.4	225.0	-60.8	-59.9	290.0	14.9	12.5	-6.1	325.3	319.4	99.9	99.9	10.5	21.
38.6	114.8	11778.5	200.0	-58.7	-59.9	299.0	18.5	18.1	-5.0	325.3	319.4	99.9	99.9	10.5	21.
41.5	120.2	12623.7	175.0	-58.7	-59.9	299.0	20.8	19.2	-7.8	325.3	319.4	99.9	99.9	10.5	21.
44.8	126.2	13604.5	150.0	-54.6	-59.9	285.5	21.4	20.6	-5.7	325.3	319.4	99.9	99.9	10.5	21.
48.5	132.0	14761.8	125.0	-58.8	-59.9	278.2	22.4	22.2	-3.2	325.3	319.4	99.9	99.9	10.5	21.
52.9	140.3	16176.2	100.0	-56.9	-59.9	282.7	21.5	20.4	-6.9	325.3	319.4	99.9	99.9	10.5	21.
58.0	148.7	17986.8	75.0	-58.5	-59.9	286.1	15.7	15.1	-4.4	325.3	319.4	99.9	99.9	10.5	21.
66.1	158.0	20535.2	50.0	-58.5	-59.9	294.0	7.8	7.1	-3.2	325.3	319.4	99.9	99.9	10.5	21.
78.2	188.0	24982.5	25.0	-51.8	-59.9	280.4	3.0	2.9	-0.5	325.3	319.4	99.9	99.9	10.5	21.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 469  
DENVER, COLORADO

27 MARCH 1982  
1100 GMT

144 8. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.6	1611.0	833.1	1.7	-3.4	330.0	4.1	2.1	-3.6	289.6	289.4	3.6	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	24.4	1639.8	825.0	0.7	-3.9	332.2	2.7	-2.6	-0.3	289.3	288.8	3.5	71.4	0.4	163.
1.3	26.9	1938.8	800.0	1.7	-2.1	37.4	3.1	-1.9	-2.4	283.0	304.2	4.1	75.7	0.4	178.
2.1	29.4	2192.9	775.0	6.9	-3.2	87.1	3.9	-3.6	-1.5	284.8	307.6	3.9	74.2	0.6	188.
3.0	32.0	2455.8	750.0	-1.1	-1.7	102.7	4.4	-4.3	-1.0	285.4	307.9	4.5	76.2	0.6	213.
4.0	34.7	2728.2	725.0	-1.9	-5.5	71.0	3.6	-3.4	-1.2	287.4	307.3	3.5	78.0	0.7	230.
5.0	37.3	3004.7	700.0	-3.8	-5.6	358.8	5.2	0.1	-4.0	288.2	308.5	3.6	87.7	1.0	224.
6.1	40.1	3231.0	675.0	-5.8	-7.1	359.3	5.2	4.0	-3.3	289.2	308.7	3.3	90.8	1.1	210.
7.2	42.8	3386.3	650.0	-7.4	-8.7	327.9	8.5	7.8	-3.3	300.6	309.4	3.1	90.5	1.1	187.
8.3	45.6	3581.1	625.0	-9.2	-10.1	327.9	9.0	7.1	-5.5	301.9	310.2	2.8	93.2	1.4	163.
9.5	48.3	4206.5	600.0	-10.6	-11.9	327.9	8.7	5.1	-7.1	303.9	311.4	2.6	90.4	2.0	156.
10.8	51.2	4532.8	575.0	-12.9	-14.6	328.8	8.2	4.3	-7.0	304.9	311.3	2.1	87.1	2.7	154.
12.1	54.1	4870.5	550.0	-15.2	-17.4	325.4	7.0	4.2	-6.1	306.0	311.4	1.8	83.4	3.3	153.
13.3	57.1	5220.3	525.0	-18.1	-20.2	323.4	6.4	4.2	-5.6	307.6	311.4	1.5	83.4	3.8	152.
14.8	60.3	5583.1	500.0	-20.9	-22.9	311.1	6.1	4.9	-4.4	308.4	311.4	1.2	83.6	4.4	150.
16.1	63.4	5960.1	475.0	-23.9	-26.3	302.2	6.1	5.2	-3.3	309.2	311.5	0.9	80.9	5.3	145.
17.5	66.5	6352.6	450.0	-27.1	-29.8	314.0	6.3	4.6	-4.4	311.5	313.4	0.7	77.3	5.9	145.
19.1	69.8	6762.8	425.0	-29.3	-32.3	332.2	6.2	2.9	-5.5	313.1	314.6	0.5	75.0	6.5	146.
20.8	73.1	7193.3	400.0	-32.2	-35.6	332.6	5.3	2.4	-4.7	313.1	315.2	0.3	71.3	7.0	146.
22.5	76.6	7645.5	375.0	-35.6	-41.1	306.6	5.0	2.4	-3.0	314.3	315.2	0.3	57.6	7.5	144.
24.5	80.2	8121.0	350.0	-40.0	-44.1	288.0	5.0	2.8	-1.5	314.9	315.2	0.3	57.6	7.5	144.
26.4	83.9	8622.7	325.0	-44.1	-49.5	288.0	5.0	2.8	-1.5	315.3	315.7	0.3	57.6	7.5	144.
28.4	87.8	9153.5	300.0	-49.5	-54.1	22.0	1.4	-0.5	-1.3	315.7	315.9	0.3	57.6	7.5	144.
30.7	91.8	9717.8	275.0	-54.2	-59.9	109.8	1.8	-1.7	0.6	316.7	316.9	0.3	57.6	7.5	144.
33.2	96.0	10322.7	250.0	-57.2	-66.3	261.2	5.4	5.3	0.8	321.0	316.9	0.3	57.6	7.5	144.
36.2	100.6	10937.6	225.0	-54.0	-69.9	292.6	13.0	12.0	-5.0	335.8	316.9	0.3	57.6	7.5	144.
39.4	105.4	11733.7	200.0	-53.5	-73.3	292.6	15.9	15.4	-3.7	348.0	316.9	0.3	57.6	7.5	144.
43.2	110.6	12609.1	175.0	-53.3	-76.9	292.6	19.8	19.5	-3.4	358.7	316.9	0.3	57.6	7.5	144.
47.4	116.2	13591.4	150.0	-56.5	-80.9	292.6	20.6	20.4	-3.2	368.7	316.9	0.3	57.6	7.5	144.
52.5	122.7	14752.1	125.0	-58.5	-84.9	274.9	20.9	20.9	-1.6	372.8	316.9	0.3	57.6	7.5	144.
58.6	129.7	16167.4	100.0	-57.2	-88.9	283.5	18.6	18.0	-4.3	417.2	316.9	0.3	57.6	7.5	144.
66.0	138.3	17985.4	75.0	-59.9	-92.9	281.1	14.8	14.5	-2.9	477.5	316.9	0.3	57.6	7.5	144.
75.8	148.0	20502.0	50.0	-61.0	-96.9	307.2	9.2	7.3	-5.6	499.7	316.9	0.3	57.6	7.5	144.
91.7	159.0	24896.2	25.0	-61.1	-99.9	112.6	3.4	-3.1	1.3	623.5	316.9	0.3	57.6	7.5	144.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 469  
DENVER, COLORADO  
27 MARCH 1982  
1415 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.6	1611.0	835.7	0.6	-0.5	345.0	3.6	0.9	-3.5	288.2	300.0	4.4	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25.8	28.6	1714.5	825.0	-0.2*	-0.9	99.9	99.9	99.9	99.9	288.4	300.1	4.3	94.6	99.9	99.9
1.4	31.3	1961.1	800.0	0.1	-0.6	99.9	99.9	99.9	99.9	291.2	304.1	4.8	98.6	99.9	99.9
2.2	34.1	2215.9	775.0	-1.2	-1.7	99.9	99.9	99.9	99.9	293.6	306.6	4.7	98.9	99.9	99.9
3.1	37.0	2478.3	750.0	-1.7	-3.7	98.0	0.7	-0.7	0.1	295.2	307.7	4.5	98.7	99.9	99.9
4.2	39.8	2747.9	725.0	-3.2	-5.6	18.3	2.1	-0.7	-2.0	296.0	307.2	4.0	96.4	99.9	99.9
5.0	42.6	3025.6	700.0	-4.2	-6.9	359.2	5.0	0.1	-5.0	297.9	308.1	3.8	90.2	99.9	99.9
6.1	45.6	3312.5	675.0	-5.0	-8.9	352.4	7.1	0.9	-7.0	300.0	308.7	3.4	86.6	99.9	99.9
7.1	48.6	3608.4	650.0	-7.1	-10.4	338.3	8.6	3.5	-7.9	300.9	309.9	3.1	80.5	99.9	99.9
8.1	51.6	3913.2	625.0	-9.4	-12.2	325.4	10.1	5.7	-8.3	301.7	309.8	2.8	72.3	99.9	99.9
9.1	54.7	4227.8	600.0	-11.5	-15.8	307.6	9.8	5.3	-8.3	302.9	310.3	2.5	64.4	99.9	99.9
10.4	57.8	4553.2	575.0	-13.4	-18.6	300.6	7.5	3.7	-6.6	304.3	310.1	1.9	58.0	99.9	99.9
11.6	61.0	4890.3	550.0	-15.6	-21.9	300.0	6.5	2.8	-5.9	305.5	310.4	1.5	50.7	99.9	99.9
12.9	64.3	5239.8	525.0	-17.9	-24.2	300.0	6.5	2.8	-5.4	307.0	311.3	1.1	43.8	99.9	99.9
14.2	67.6	5593.1	500.0	-20.6	-27.7	317.7	5.7	4.4	-4.8	307.9	311.6	0.8	38.2	99.9	99.9
15.7	71.0	5980.6	475.0	-23.5	-31.1	338.3	4.1	2.2	-4.1	308.9	312.8	0.6	32.5	99.9	99.9
17.1	74.8	6374.0	450.0	-25.9	-34.2	358.3	4.5	1.9	-3.5	310.7	314.7	0.5	26.2	99.9	99.9
18.7	78.1	6786.7	425.0	-28.1	-37.8	375.4	4.0	1.6	-4.1	313.1	315.5	0.4	20.2	99.9	99.9
20.2	81.9	7219.0	400.0	-31.3	-43.8	392.1	3.7	1.2	-5.4	315.5	316.2	0.2	14.1	99.9	99.9
21.8	85.7	7672.8	375.0	-34.8	-49.0	407.7	3.3	0.7	-6.1	318.2	316.9	0.1	8.1	99.9	99.9
23.7	89.7	8150.6	350.0	-38.8	-55.5	424.7	2.8	-0.7	-5.0	321.1	317.1	99.9	99.9	99.9	99.9
25.7	93.7	8655.0	325.0	-43.2	-63.3	447.7	2.2	-1.5	-4.5	324.6	318.2	99.9	99.9	99.9	99.9
27.8	97.7	9188.8	300.0	-47.7	-69.9	475.5	1.8	-0.7	-3.5	327.9	318.9	99.9	99.9	99.9	99.9
29.9	102.5	9756.6	275.0	-52.7	-77.9	502.5	1.4	-0.7	-2.5	330.7	319.9	99.9	99.9	99.9	99.9
32.2	107.2	10366.0	250.0	-55.5	-85.9	529.5	1.0	4.0	-1.5	333.6	320.9	99.9	99.9	99.9	99.9
34.6	112.2	11039.6	225.0	-58.7	-93.9	556.6	0.6	11.3	-0.5	336.9	321.8	99.9	99.9	99.9	99.9
37.4	117.6	11794.6	200.0	-61.1	-99.9	583.4	0.4	15.1	-0.2	340.1	322.8	99.9	99.9	99.9	99.9
40.7	123.5	12655.5	175.0	-64.1	-99.9	610.1	0.2	19.6	-0.5	343.3	323.8	99.9	99.9	99.9	99.9
44.4	129.7	13648.2	150.0	-67.6	-99.9	637.7	0.1	21.1	-0.8	346.5	324.8	99.9	99.9	99.9	99.9
48.7	136.5	14819.2	125.0	-71.6	-99.9	665.5	0.0	20.7	-2.3	349.7	325.8	99.9	99.9	99.9	99.9
53.9	144.0	16251.0	100.0	-75.4	-99.9	693.3	0.0	17.6	-2.5	352.9	326.8	99.9	99.9	99.9	99.9
60.5	152.3	18071.1	75.0	-79.2	-99.9	721.1	0.0	13.7	-2.5	356.1	327.8	99.9	99.9	99.9	99.9
69.2	161.0	20649.1	50.0	-83.0	-99.9	749.0	0.0	9.9	-1.5	359.3	328.8	99.9	99.9	99.9	99.9
82.9	161.0	25114.4	25.0	-86.2	-99.9	776.9	0.0	-1.2	-1.5	362.5	329.8	99.9	99.9	99.9	99.9

\* 3Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 469  
DENVER, COLORADO  
27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	24.7	1611.0	836.3	4.4	1.1	999.9	99.9	99.9	99.9	292.1	305.6	5.0	79.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	25.8	1721.6	825.0	3.0	0.9	999.9	99.9	99.9	99.9	291.8	305.3	5.0	25.9	999.9	999.9
1.3	28.6	1970.5	800.0	1.6	0.7	999.9	99.9	99.9	99.9	292.9	306.3	5.0	93.6	999.9	999.9
2.2	31.2	2226.7	775.0	1.2	-0.4	999.9	99.9	99.9	99.9	295.1	308.2	4.8	89.1	999.9	999.9
3.0	34.0	2490.2	750.0	-0.4	-1.7	999.9	99.9	99.9	99.9	297.8	308.7	4.5	90.7	999.9	999.9
3.9	36.8	2780.9	725.0	-1.5	-4.0	999.9	99.9	99.9	99.9	299.3	308.9	3.9	83.1	999.9	999.9
4.8	39.6	99.9	700.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
5.8	42.4	99.9	675.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
6.8	45.3	99.9	650.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
7.8	48.3	99.9	625.0	-9.2	-12.9	999.9	99.9	99.9	99.9	301.9	308.6	2.2	74.3	999.9	999.9
8.9	51.3	99.9	600.0	-11.5	-13.6	999.9	99.9	99.9	99.9	302.9	309.5	2.2	83.9	999.9	999.9
9.9	54.3	99.9	575.0	-14.2	-15.1	999.9	99.9	99.9	99.9	303.4	309.5	2.1	92.6	999.9	999.9
11.1	57.4	99.9	550.0	-15.7	-21.2	999.9	99.9	99.9	99.9	305.5	309.5	1.3	62.3	999.9	999.9
12.3	60.5	99.9	525.0	-17.0	-24.7	999.9	99.9	99.9	99.9	308.0	311.1	1.0	51.1	999.9	999.9
13.5	63.9	99.9	500.0	-19.7	-27.6	999.9	99.9	99.9	99.9	309.1	311.6	0.8	48.9	999.9	999.9
14.8	67.0	99.9	475.0	-22.9	-29.0	999.9	99.9	99.9	99.9	309.7	312.0	0.7	36.9	999.9	999.9
16.1	70.4	99.9	450.0	-25.3	-31.1	999.9	99.9	99.9	99.9	311.4	313.5	0.6	58.3	999.9	999.9
17.5	74.0	99.9	425.0	-27.8	-37.2	999.9	99.9	99.9	99.9	313.4	314.7	0.4	39.9	999.9	999.9
19.0	77.4	99.9	400.0	-30.7	-41.8	999.9	99.9	99.9	99.9	315.2	316.0	0.2	25.2	999.9	999.9
20.6	81.1	99.9	375.0	-34.3	-47.3	999.9	99.9	99.9	99.9	316.3	316.8	0.1	21.9	999.9	999.9
22.2	85.0	99.9	350.0	-38.4	-52.0	999.9	99.9	99.9	99.9	317.0	317.4	0.1	99.9	999.9	999.9
23.8	88.8	99.9	325.0	-42.4	-56.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
25.6	93.0	99.9	300.0	-47.8	-61.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
27.5	97.2	99.9	275.0	-52.3	-66.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
29.3	101.7	99.9	250.0	-55.9	-71.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
31.7	106.3	99.9	225.0	-58.3	-76.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
34.2	111.4	99.9	200.0	-56.1	-81.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
37.4	116.7	99.9	175.0	-52.9	-86.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
41.1	122.5	99.9	150.0	-54.3	-91.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
45.4	128.7	99.9	125.0	-54.5	-96.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
50.5	135.3	99.9	100.0	-55.5	-101.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
56.7	142.7	99.9	75.0	-55.8	-106.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
64.8	150.7	99.9	50.0	-53.6	-111.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9
77.7	159.0	99.9	25.0	-51.1	-116.9	999.9	99.9	99.9	99.9	317.5	317.5	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 489  
DENVER, COLORADO  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.5	1611.0	835.1	9.0	-1.0	999.9	99.9	99.9	99.9	297.1	297.1	0.0	0.0	999.9	999.9
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	25.6	99.9	825.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.1	28.2	99.9	800.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.8	31.0	99.9	775.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
2.6	33.8	99.9	750.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.6	36.6	99.9	725.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
4.8	39.4	99.9	700.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
5.7	42.3	99.9	675.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
6.6	45.2	99.9	650.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
7.5	48.2	99.9	625.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
8.5	51.3	99.9	600.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.4	54.3	99.9	575.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
10.5	57.4	99.9	550.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
11.6	60.6	99.9	525.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
12.8	63.9	99.9	500.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
14.1	67.1	99.9	475.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
15.4	70.6	99.9	450.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
16.8	74.0	99.9	425.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
18.3	77.6	99.9	400.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
19.9	81.1	99.9	375.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
21.4	85.0	99.9	350.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
23.1	88.8	99.9	325.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
24.8	93.0	99.9	300.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
26.5	97.2	99.9	275.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
28.4	101.6	99.9	250.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
30.6	106.2	99.9	225.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
32.6	111.2	99.9	200.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
35.6	116.5	99.9	175.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
38.7	122.2	99.9	150.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
42.5	128.5	99.9	125.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
46.8	135.3	99.9	100.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
52.3	143.0	99.9	75.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.4	151.3	99.9	50.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
70.4	160.0	99.9	25.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 469 DENVER, COLORADO													
27 MARCH 1982													
27 2300 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT
0.0	25.8	1611.0	834.5	11.1	-0.1	380.0	3.6	0.0	-3.6	299.4	312.2	4.6	46.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	26.3	1706.1	800.0	7.1	-2.3	22.6	6.0	-2.3	-5.5	298.4	308.7	3.6	40.8
1.4	26.7	1980.5	800.0	7.1	-2.7	24.1	5.2	-2.1	-4.8	298.7	309.8	3.9	49.8
2.0	32.6	2220.8	775.0	4.7	-3.3	22.4	4.6	-1.8	-4.3	298.6	309.8	3.9	55.0
2.9	35.4	2486.8	750.0	2.2	-3.3	24.4	4.0	-1.6	-3.6	299.0	310.3	4.0	57.1
3.8	38.3	2759.7	725.0	-0.3	-3.5	47.0	3.3	-2.4	-2.3	299.2	310.9	4.1	79.1
4.7	41.3	3039.7	700.0	-2.5	-4.5	51.7	1.4	-1.1	-0.9	299.7	310.9	4.3	80.9
5.6	44.3	3327.5	675.0	-4.6	-7.2	300.1	4.6	4.0	-2.3	300.5	310.0	3.3	81.7
6.6	47.3	3624.8	650.0	-5.2	-10.4	296.6	9.7	8.7	-4.3	303.1	310.2	2.7	88.8
7.7	50.3	3931.7	625.0	-7.6	-13.6	295.3	11.1	10.0	-4.7	304.8	310.7	2.0	82.1
8.8	53.4	4248.0	600.0	-10.3	-15.0	285.0	11.9	11.5	-3.1	304.8	310.7	2.0	68.2
10.1	56.6	4574.4	575.0	-13.0	-15.7	279.2	11.9	11.8	-1.9	308.1	310.9	0.9	79.6
11.3	59.8	4912.6	550.0	-13.5	-15.7	293.1	11.3	10.4	-4.4	310.7	313.1	0.7	73.9
12.6	63.0	5285.9	525.0	-14.8	-17.9	307.6	11.8	9.4	-7.2	310.7	313.5	0.6	71.4
13.8	66.3	5633.2	500.0	-17.7	-30.5	311.7	11.6	8.7	-7.9	311.5	314.1	0.5	71.4
15.4	69.7	6014.7	475.0	-20.8	-33.0	310.0	12.3	9.4	-7.9	312.5	314.1	0.4	71.4
16.9	73.1	6412.1	450.0	-23.7	-35.3	308.2	15.0	11.0	-8.0	314.4	315.6	0.3	71.4
18.7	76.7	6826.9	425.0	-27.0	-38.2	298.3	13.2	13.2	-7.1	315.1	316.0	0.2	71.4
20.5	80.3	7260.8	400.0	-30.7	-41.5	288.9	14.3	13.5	-4.6	315.1	317.1	0.2	71.4
22.4	84.1	7715.9	375.0	-34.1	-44.7	291.5	14.3	13.3	-5.2	316.4	318.5	0.1	71.4
24.2	88.0	8195.6	350.0	-37.7	-47.8	291.4	13.4	12.4	-4.9	318.0	318.5	0.1	71.4
25.9	92.0	8703.0	325.0	-41.5	-50.9	291.5	11.3	10.5	-6.0	320.2	319.9	99.9	99.9
27.6	96.3	9241.0	300.0	-46.2	-55.9	298.1	12.7	11.2	-6.0	321.9	319.9	99.9	99.9
29.3	100.6	9813.4	275.0	-50.7	-59.9	297.3	15.0	13.3	-6.9	324.1	319.9	99.9	99.9
31.0	105.2	10428.3	250.0	-55.1	-64.7	291.3	17.1	15.2	-8.4	327.5	319.9	99.9	99.9
32.8	110.0	11094.2	225.0	-59.4	-69.9	295.0	20.4	18.5	-8.6	343.1	319.9	99.9	99.9
34.3	115.0	11834.7	200.0	-64.5	-74.7	288.0	19.3	18.4	-8.0	359.9	319.9	99.9	99.9
40.4	120.5	12689.8	175.0	-69.9	-79.9	273.6	20.5	20.4	-1.5	378.8	319.9	99.9	99.9
44.2	126.4	13681.0	150.0	-74.1	-84.7	265.8	22.9	22.8	-0.1	396.2	319.9	99.9	99.9
48.3	132.7	14848.4	125.0	-79.9	-89.9	270.2	22.9	22.8	2.6	420.5	319.9	99.9	99.9
53.8	140.0	16277.4	100.0	-84.8	-94.9	281.6	18.0	17.8	-6.5	449.1	319.9	99.9	99.9
60.3	148.0	18094.0	75.0	-89.9	-99.9	272.2	14.0	14.0	-6.5	513.1	319.9	99.9	99.9
68.7	157.0	20671.3	50.0	-94.9	-99.9	261.2	6.1	6.1	-1.0	633.9	319.9	99.9	99.9
81.6	186.7	25136.2	25.0	-99.9	-99.9	61.7	4.0	-3.5	-1.9			99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 459 DENVER, COLORADO										149 9. 0					
28 MARCH 1982 215 GMT															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	25.2	1611.0	835.2	7.2	1.1	330.0	3.1	1.6	-2.7	295.2	308.8	5.0	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	26.4	1712.3	825.0	7.1	0.2	334.0	6.5	2.8	-5.8	286.1	308.1	4.7	61.7	0.2	149.
1.1	29.2	1844.8	800.0	5.4	-1.5	332.0	4.3	2.0	-3.8	286.9	308.9	4.3	61.2	0.4	152.
2.0	32.0	2223.5	775.0	3.1	-2.2	315.3	1.8	1.2	-1.3	287.2	309.2	4.3	68.1	0.5	151.
2.9	35.0	2488.7	750.0	1.6	-2.9	272.5	1.4	1.3	-0.1	298.3	309.3	4.3	71.8	0.6	148.
3.8	37.9	2781.3	725.0	0.0	-2.7	275.8	3.3	3.3	-0.3	299.5	311.7	4.3	81.9	0.9	140.
4.8	40.9	3042.4	700.0	-0.9	-6.1	281.8	6.7	6.5	-1.4	301.5	311.5	3.5	88.0	0.9	127.
5.7	43.8	3331.9	675.0	-3.1	-7.9	289.4	8.1	7.6	-2.7	302.1	310.4	2.6	89.7	1.3	120.
6.8	46.9	3629.5	650.0	-5.5	-10.8	283.5	10.0	9.8	-2.3	302.7	310.2	2.2	86.4	1.9	117.
7.9	50.0	3936.0	625.0	-8.1	-13.1	244.8	11.9	10.8	-5.1	303.1	309.8	2.0	87.1	2.5	107.
9.0	53.0	4251.8	600.0	-11.0	-15.0	259.8	9.0	8.9	-1.8	303.4	309.3	1.6	72.5	3.0	98.
10.1	56.1	4577.2	575.0	-13.4	-18.0	277.1	6.9	6.8	-0.8	304.3	309.2	0.7	68.5	3.5	97.
11.2	59.4	4914.8	550.0	-14.7	-27.1	310.6	6.1	4.6	-3.9	306.6	309.0	0.6	33.8	4.0	98.
12.4	62.7	5285.5	525.0	-16.9	-29.3	323.8	8.2	4.7	-5.0	308.1	310.2	0.6	33.2	4.2	102.
13.5	66.0	5629.9	500.0	-19.4	-31.2	301.3	3.7	7.0	-4.3	309.5	311.3	0.6	34.1	4.7	105.
15.0	69.4	6009.7	475.0	-21.6	-34.9	289.5	9.1	8.8	-3.0	311.2	312.6	0.4	28.8	5.4	106.
16.5	73.0	6405.4	450.0	-25.0	-37.3	288.1	10.2	9.7	-3.2	311.9	313.0	0.3	30.4	6.3	107.
18.1	76.6	6818.2	425.0	-28.4	-40.8	286.0	13.4	12.9	-3.7	312.6	313.5	0.2	28.9	7.4	107.
20.1	80.3	7249.5	400.0	-32.4	-44.5	283.5	14.4	14.0	-3.4	312.9	313.6	0.2	28.5	9.1	106.
22.0	83.9	7701.2	375.0	-35.8	-47.3	288.8	13.3	12.8	-3.4	312.9	314.7	0.1	28.2	10.7	106.
23.8	87.6	8178.3	350.0	-38.3	-49.6	305.8	13.3	12.8	-7.8	317.1	317.5	0.1	28.9	12.1	107.
25.6	91.7	8683.3	325.0	-42.9	-51.5	309.5	14.7	10.8	-9.4	317.1	317.5	99.9	99.9	12.5	110.
27.7	95.8	9217.7	300.0	-47.4	-53.8	306.0	16.4	13.3	-9.7	318.5	319.9	99.9	99.9	15.4	112.
30.1	100.2	9787.7	275.0	-51.5	-55.8	297.8	16.6	14.6	-7.7	320.7	319.9	99.9	99.9	17.8	113.
32.8	104.8	10399.7	250.0	-55.8	-59.9	287.2	17.1	16.4	-5.1	323.1	319.9	99.9	99.9	20.4	113.
35.2	109.8	11064.3	225.0	-59.8	-61.3	278.7	17.3	17.1	-2.8	326.8	319.9	99.9	99.9	22.7	112.
37.6	114.8	11786.2	200.0	-61.3	-63.8	281.0	19.8	19.4	-3.8	326.8	319.9	99.9	99.9	25.8	111.
41.1	120.4	12834.4	175.0	-57.1	-67.5	270.2	20.3	20.3	-0.1	325.8	319.9	99.9	99.9	29.3	109.
45.1	126.4	13613.2	150.0	-57.3	-69.9	267.5	22.8	22.7	-1.0	321.5	319.9	99.9	99.9	34.4	106.
49.5	133.0	14764.8	125.0	-57.2	-69.9	273.7	23.3	23.3	-1.5	321.5	319.9	99.9	99.9	40.3	103.
55.1	140.2	16182.3	100.0	-58.4	-69.9	284.2	19.7	19.6	2.0	414.9	99.9	99.9	99.9	47.3	101.
61.9	148.0	17992.5	75.0	-57.6	-69.9	283.0	12.9	12.8	1.8	452.2	99.9	99.9	99.9	54.4	99.
70.8	157.3	20548.2	50.0	-58.4	-69.9	266.1	5.0	5.0	0.3	506.1	99.9	99.9	99.9	57.8	97.
84.9	167.0	24965.4	25.0	-53.8	-69.9	264.0	3.3	3.3	0.3	629.9	99.9	99.9	99.9	58.3	98.

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\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 469 DENVER, COLORADO														139 33. 0	
28 MARCH 1982															
515 GMT															
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DEG
0 0	22.4	1611.0	835.6	2.8	-1.7	210.0	2.6	1.3	2.3	290.4	301.4	4.0	72.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.5	1723.9	825.0	1.7	-3.5	287.4	3.5	3.3	-1.0	290.4	300.3	3.6	68.5	0.2	18.0
1.3	25.9	1972.5	800.0	2.0	-1.5	270.1	2.5	2.5	-0.0	293.2	305.1	4.2	77.7	0.2	55.0
2.2	28.4	2228.9	775.0	0.6	-2.3	270.1	2.4	1.3	2.1	295.9	307.5	3.8	73.5	0.2	60.0
3.2	30.9	2493.3	750.0	0.6	-4.0	194.6	4.2	1.1	4.0	297.2	307.9	3.7	71.1	0.2	58.0
4.0	33.5	2765.1	725.0	-1.0	-4.8	244.9	4.5	4.3	-1.0	300.3	308.9	3.1	75.1	0.7	58.0
5.0	36.1	3044.6	700.0	-2.0	-7.7	283.0	6.3	4.9	-1.0	301.5	308.2	2.2	64.8	0.8	48.0
6.0	38.8	3333.3	675.0	-3.8	-11.8	286.2	6.3	6.3	-1.2	301.5	307.5	2.0	53.8	1.0	65.0
7.1	41.6	3629.9	650.0	-6.6	-13.8	280.5	6.1	6.1	-1.2	301.5	307.5	1.9	53.8	1.4	77.0
8.3	44.4	3934.9	625.0	-9.4	-15.3	268.6	6.8	6.8	-0.4	302.4	307.3	1.7	61.9	1.8	81.0
9.4	47.3	4249.0	600.0	-11.9	-16.6	270.1	7.7	7.7	-0.0	304.3	307.8	1.1	46.0	2.3	84.0
10.8	50.4	4574.0	575.0	-13.4	-22.5	277.4	8.0	8.7	-1.0	305.8	307.8	0.8	40.0	2.9	88.0
12.1	53.4	4911.1	550.0	-15.4	-25.9	286.2	9.0	8.7	-2.5	307.5	309.5	0.6	35.5	3.4	91.0
13.6	56.5	5260.9	525.0	-17.8	-29.3	279.6	10.3	10.2	-1.7	307.5	309.5	0.4	32.5	4.4	94.0
14.9	59.8	5624.1	500.0	-20.1	-34.7	269.1	11.0	10.9	-0.2	308.5	309.9	0.3	25.8	5.2	96.0
16.5	63.1	6002.2	475.0	-22.8	-37.5	262.9	11.0	9.9	0.2	309.7	310.8	0.3	24.5	6.2	98.0
18.2	66.7	6396.6	450.0	-25.8	-40.0	271.1	12.1	11.8	-0.2	310.9	311.8	0.2	24.7	7.3	99.0
20.0	70.2	6808.3	425.0	-29.1	-42.8	282.3	12.4	11.9	-2.6	312.8	313.4	0.2	24.8	8.5	99.0
21.9	73.9	7238.7	400.0	-32.5	-45.5	288.4	13.1	12.8	-3.5	314.6	315.0	0.1	27.0	9.9	99.0
24.1	77.7	7691.0	375.0	-35.5	-47.8	282.1	14.4	13.9	-2.8	316.7	315.9	0.1	28.8	11.4	96.0
26.4	81.8	8167.1	350.0	-39.4	-50.7	283.8	16.3	15.8	-3.4	318.7	315.9	99.9	99.9	15.4	96.0
28.6	86.0	8670.4	325.0	-43.5	-53.9	284.5	16.3	15.8	-4.1	317.5	317.5	99.9	99.9	17.5	98.0
30.7	90.7	9203.6	300.0	-48.1	-59.9	285.1	17.5	16.6	-5.7	317.5	317.5	99.9	99.9	19.8	98.0
33.1	95.3	9770.2	275.0	-53.4	-59.9	289.1	21.4	19.0	-5.9	320.6	319.9	99.9	99.9	22.7	101.0
35.7	100.2	10378.4	250.0	-57.5	-59.9	297.4	22.5	19.9	-10.6	325.3	319.9	99.9	99.9	26.8	104.0
38.8	105.8	11038.4	225.0	-64.7	-59.9	298.1	20.5	20.3	-3.2	330.3	319.9	99.9	99.9	29.7	104.0
41.1	111.3	11763.0	200.0	-67.7	-59.9	266.8	22.6	22.5	1.2	354.6	319.9	99.9	99.9	34.1	100.0
44.8	117.2	12597.4	175.0	-57.6	-59.9	266.8	21.8	21.7	1.2	370.9	319.9	99.9	99.9	45.7	98.0
48.5	123.5	13587.5	150.0	-57.7	-59.9	266.8	21.4	21.3	1.5	390.5	319.9	99.9	99.9	52.1	98.0
53.4	130.5	14718.4	125.0	-57.7	-59.9	266.8	19.5	19.1	4.0	413.6	319.9	99.9	99.9	58.7	95.0
59.1	138.0	16121.2	100.0	-59.1	-59.9	256.8	11.7	11.4	2.7	449.1	319.9	99.9	99.9	63.2	93.0
65.7	145.7	17923.2	75.0	-59.1	-59.9	287.2	5.5	5.3	-1.6	508.2	319.9	99.9	99.9	99.9	99.9
70.0	154.0	20469.4	50.0	-57.4	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 469  
DENVER, COLORADO

28 MARCH 1982

1100 GMT

147 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.9	1611.0	835.0	-1.1	-3.3	180.0	1.6	0.0	1.6	286.5	286.1	3.6	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.9	1707.7	825.0	1.1	-2.3	296.9	1.7	1.6	-0.8	289.6	300.4	3.9	78.1	0.3	9.
1.2	26.4	1957.7	800.0	5.3	-2.4	258.3	3.3	3.2	0.7	286.8	308.1	4.0	58.7	0.4	21.
2.0	29.0	2217.7	775.0	5.5	-6.3	259.9	6.6	6.5	1.2	299.7	308.6	3.1	42.3	0.5	40.
2.8	31.6	2485.1	750.0	3.6	-8.0	268.6	9.2	9.2	0.2	300.7	308.7	2.8	42.3	0.9	61.
3.6	34.2	2759.1	725.0	1.1	-10.5	276.6	8.6	8.6	0.2	301.1	308.5	2.7	46.5	1.3	70.
4.4	37.0	3040.0	700.0	-1.2	-11.5	272.5	8.1	8.0	-0.3	301.2	308.3	2.5	49.2	1.7	75.
5.3	39.8	3328.6	675.0	-4.0	-13.2	247.9	7.2	8.1	-0.4	302.2	308.5	2.4	56.1	2.5	80.
6.2	42.6	3625.4	650.0	-8.1	-15.8	234.1	7.0	5.7	4.1	303.2	308.6	2.1	56.4	2.8	81.
7.1	45.5	3931.4	625.0	-8.1	-19.8	248.2	8.1	7.6	3.0	304.8	308.9	1.8	53.8	3.3	77.
8.1	48.5	4247.9	600.0	-9.8	-27.6	285.1	8.1	8.0	0.7	307.1	309.3	1.3	43.7	3.8	75.
9.2	51.6	4575.4	575.0	-11.0	-30.6	276.4	9.5	10.6	-1.1	308.9	310.7	0.7	23.9	4.5	78.
10.6	54.8	4915.9	550.0	-12.3	-32.4	275.4	10.7	9.4	-1.0	310.0	311.6	0.5	21.4	5.2	81.
11.8	58.0	5269.0	525.0	-15.3	-36.6	265.4	11.9	11.8	1.0	311.0	312.4	0.4	21.7	5.9	82.
12.9	61.3	5635.9	500.0	-18.1	-38.6	259.9	11.6	11.4	2.0	311.9	313.1	0.3	23.0	6.6	82.
13.9	64.7	6017.1	475.0	-21.1	-41.3	263.7	12.3	12.2	1.4	312.4	313.4	0.3	26.1	7.5	82.
15.2	68.3	6413.5	450.0	-24.6	-43.5	269.0	14.8	14.8	0.3	313.4	314.2	0.2	28.0	8.6	82.
16.4	72.0	6827.1	425.0	-27.8	-45.5	274.0	16.4	16.4	0.2	314.6	315.3	0.2	28.0	10.3	84.
18.4	76.0	7260.1	400.0	-31.1	-48.5	275.3	20.0	19.9	-1.2	316.4	316.9	0.2	27.3	12.1	85.
20.1	79.8	7714.5	375.0	-34.2	-49.4	272.6	20.8	20.7	-1.9	317.4	317.9	0.1	28.9	14.1	86.
21.9	84.0	8193.1	350.0	-38.1	-50.9	269.7	22.4	22.4	-0.9	319.3	319.9	0.1	99.9	16.3	87.
23.7	88.3	8700.0	325.0	-41.6	-50.9	267.8	23.5	23.5	-0.3	320.3	320.9	99.9	99.9	18.9	88.
25.7	93.0	9237.4	300.0	-46.1	-50.9	270.8	24.8	24.8	-1.1	322.3	322.9	99.9	99.9	21.8	88.
27.8	97.8	9810.5	275.0	-50.4	-50.9	272.5	26.6	26.6	-1.1	323.6	323.6	99.9	99.9	25.0	88.
30.0	103.0	10425.5	250.0	-55.3	-50.9	272.5	28.0	28.0	-1.1	324.6	324.6	99.9	99.9	28.5	89.
32.4	108.4	11088.9	225.0	-61.3	-50.9	272.5	27.4	27.3	-1.2	330.8	330.8	99.9	99.9	33.0	89.
35.1	114.0	11811.1	200.0	-67.4	-50.9	266.3	27.4	27.3	-1.7	348.0	348.0	99.9	99.9	38.3	90.
38.1	120.2	12632.8	175.0	-71.7	-50.9	271.6	22.7	22.7	-0.6	371.6	371.6	99.9	99.9	44.0	89.
42.2	134.0	13597.7	150.0	-57.2	-50.9	263.4	21.4	21.3	2.5	389.3	389.3	99.9	99.9	49.9	89.
46.9	141.3	14749.1	125.0	-58.4	-50.9	264.3	19.9	19.8	2.0	416.1	416.1	99.9	99.9	57.2	88.
52.2	149.3	16157.8	100.0	-57.8	-50.9	252.5	13.1	12.4	3.9	447.2	447.2	99.9	99.9	63.1	87.
59.2	157.7	17965.7	75.0	-60.0	-50.9	256.1	5.6	5.5	1.4	510.3	510.3	99.9	99.9	68.1	87.
68.0	167.7	20521.1	50.0	-56.5	-50.9	219.0	4.7	3.0	3.7	629.3	629.3	99.9	99.9	69.7	87.
83.7	186.3	24940.9	25.0	-54.2	-50.9	219.0	4.7	3.0	3.7	629.3	629.3	99.9	99.9	69.7	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 478  
GRAND JUNCTION, COLORADO  
27 MARCH 1982  
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.4	1472.0	848.5	6.1	5.4	76.0	2.6	-2.4	-0.9	292.7	310.4	6.8	95.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.9	25.0	1701.4	825.0	3.9	2.8	999.9	99.9	99.9	99.9	292.7	308.0	5.7	92.6	0.1	295
1.7	27.6	1951.6	800.0	2.8	2.2	999.9	99.9	99.9	99.9	294.1	309.4	5.6	95.0	99.9	999.9
2.7	30.3	2208.4	775.0	1.3	0.7	999.9	99.9	99.9	99.9	295.2	309.4	5.2	95.0	99.9	999.9
3.5	33.1	2472.0	750.0	-0.3	-1.0	999.9	99.9	99.9	99.9	296.8	308.6	4.2	98.4	99.9	999.9
4.6	35.9	2742.6	725.0	-2.5	-3.1	999.9	99.9	99.9	99.9	297.7	308.2	3.7	94.3	99.9	999.9
5.6	38.7	3020.6	700.0	-4.4	-5.1	999.9	99.9	99.9	99.9	299.3	309.3	3.5	95.1	99.9	999.9
6.6	41.5	3306.8	675.0	-5.7	-6.4	999.9	99.9	99.9	99.9	300.4	309.0	3.0	90.0	99.9	999.9
7.6	44.3	3601.9	650.0	-7.6	-8.0	999.9	99.9	99.9	99.9	301.7	308.7	2.3	77.9	2.7	102
8.8	47.3	3906.3	625.0	-9.4	-12.6	999.9	99.9	99.9	99.9	302.6	308.5	1.7	78.1	3.1	105
9.8	50.1	4220.5	600.0	-11.7	-14.7	304.5	6.0	5.0	-3.4	304.2	309.5	1.7	74.6	3.5	107
11.1	53.2	4545.7	575.0	-13.5	-17.0	308.1	4.4	3.4	-2.7	305.7	309.8	1.3	63.5	3.8	108
12.3	56.3	4882.9	550.0	-15.5	-20.8	298.1	5.2	4.6	-2.4	306.6	310.5	1.3	63.5	4.2	109
13.3	59.3	5232.4	525.0	-18.2	-21.8	305.7	7.2	5.8	-4.2	310.0	312.8	0.9	50.3	4.7	113
14.5	62.5	5596.5	500.0	-18.9	-26.7	328.6	10.8	5.7	-9.2	311.5	313.6	0.6	41.8	5.6	124
15.9	65.8	5977.0	475.0	-21.4	-30.8	327.6	13.3	7.1	-11.3	312.7	315.3	0.3	25.4	7.7	127
17.2	69.0	6373.5	450.0	-24.3	-39.9	323.9	13.9	8.5	-11.0	314.5	315.7	0.2	20.8	8.9	129
18.7	72.4	6788.2	425.0	-27.0	-40.8	325.1	13.1	8.5	-10.7	315.2	316.3	0.1	20.8	10.1	131
20.2	76.0	7222.1	400.0	-30.7	-45.8	325.1	12.2	7.1	-10.0	315.8	316.8	0.1	21.4	11.3	132
21.8	79.6	7677.0	375.0	-34.6	-52.6	318.8	13.1	8.7	-9.9	318.5	319.9	99.9	99.9	12.6	133
23.5	83.3	8155.0	350.0	-38.6	-57.9	314.5	14.5	10.3	-10.3	318.5	319.9	99.9	99.9	14.1	133
25.1	87.0	8658.7	325.0	-43.3	-63.9	314.5	14.7	10.5	-10.3	321.2	319.9	99.9	99.9	16.1	133
26.8	91.0	9192.6	300.0	-47.4	-69.9	316.8	20.6	14.1	-15.0	325.3	319.9	99.9	99.9	18.8	133
28.7	95.2	9763.4	275.0	-51.1	-74.4	309.7	21.2	16.3	-13.5	325.3	319.9	99.9	99.9	21.5	132
30.9	99.5	10379.4	250.0	-54.4	-79.9	285.0	21.1	21.1	-8.9	330.7	319.9	99.9	99.9	24.5	129
33.0	103.8	11048.3	225.0	-57.3	-84.9	284.7	23.6	22.8	-6.0	343.3	319.9	99.9	99.9	28.2	122
35.3	108.6	11793.8	200.0	-60.5	-89.9	280.3	23.6	23.2	-3.2	360.3	319.9	99.9	99.9	32.4	122
38.0	113.8	12645.1	175.0	-64.3	-93.9	277.8	24.3	24.1	-2.7	374.5	319.9	99.9	99.9	37.0	118
41.0	119.5	13629.9	150.0	-68.8	-99.9	268.3	23.8	23.7	-0.3	392.2	319.9	99.9	99.9	42.6	114
45.0	125.7	14786.0	125.0	-75.0	-105.8	269.5	20.8	20.8	0.2	419.9	319.9	99.9	99.9	47.4	111
49.5	132.7	16203.0	100.0	-85.8	-115.8	278.8	12.6	12.6	-1.5	505.6	319.9	99.9	99.9	50.7	110
54.7	140.7	18015.7	75.0	-99.9	-139.9	287.3	5.7	5.4	-1.7	627.5	319.9	99.9	99.9	51.4	111
81.6	150.0	20553.4	50.0	-158.5	-199.9	195.0	0.5	0.1	0.5						
72.9	161.0	24960.6	25.0	-154.7	-199.9										

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 478  
GRAND JUNCTION, COLORADO  
27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.1	1472.0	850.7	6.7	5.2	350.0	2.6	0.5	-2.6	293.1	310.6	6.5	90.0	0.0	0.0
39.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	22.2	1478.8	850.0	6.6	5.0	999.9	99.9	99.9	99.9	293.1	310.4	6.5	90.0	0.0	0.0
0.8	24.9	1723.3	825.0	4.6	3.4	999.9	99.9	99.9	99.9	293.5	309.6	6.0	92.0	99.9	99.9
1.6	27.6	1973.5	800.0	4.6	2.0	999.9	99.9	99.9	99.9	293.5	308.9	5.5	92.0	99.9	99.9
2.5	30.3	2229.9	775.0	0.8	0.1	999.9	5.7	5.7	-2.3	294.7	308.4	5.0	95.2	0.6	123.0
3.4	33.0	2492.9	750.0	-1.0	-1.7	308.7	5.9	4.6	-2.7	295.5	307.9	4.5	94.8	1.0	121.0
4.3	35.6	2762.8	725.0	-3.0	-4.5	317.2	5.7	3.9	-4.2	296.1	306.6	3.8	89.7	1.3	125.0
5.2	38.6	3040.2	700.0	-4.7	-6.3	311.6	4.9	4.9	-4.4	297.3	307.9	3.3	84.7	1.6	127.0
6.2	41.4	3326.2	675.0	-6.0	-7.9	298.0	7.9	7.1	-3.4	298.9	307.9	3.1	84.4	2.1	127.0
7.1	44.3	3620.7	650.0	-8.6	-10.6	284.6	7.0	6.8	-3.4	299.3	306.9	2.6	84.9	2.5	124.0
8.2	47.2	3923.7	625.0	-10.9	-11.8	273.9	4.9	4.7	-1.3	300.0	307.3	2.5	80.5	2.8	121.0
9.2	50.1	4237.3	600.0	-11.8	-14.4	273.9	2.1	2.1	-0.1	302.5	308.7	2.1	80.5	3.0	120.0
10.3	53.1	4583.0	575.0	-12.7	-17.3	270.9	3.4	3.4	-0.1	305.2	309.6	1.4	57.4	3.1	119.0
11.6	56.3	4901.2	550.0	-14.5	-23.8	291.3	5.6	5.2	-2.0	308.9	310.1	1.0	44.9	3.4	117.0
12.8	59.3	5252.2	525.0	-17.1	-23.5	310.8	7.6	5.8	-5.0	307.8	311.2	1.1	37.8	3.9	118.0
14.1	62.5	5617.5	500.0	-18.1	-36.3	315.4	10.1	7.1	-7.2	311.0	312.1	0.3	18.4	4.6	120.0
15.5	65.8	5999.1	475.0	-20.6	-38.7	312.6	12.1	8.2	-8.3	313.0	313.7	0.3	22.0	5.5	123.0
16.9	69.0	6310.3	450.0	-24.0	-41.3	314.1	11.2	8.0	-7.8	314.1	314.1	0.3	25.5	6.5	124.0
18.4	72.4	6610.9	425.0	-27.2	-44.8	311.3	11.5	8.5	-7.5	315.2	315.0	0.2	24.7	7.5	126.0
20.0	76.0	7244.6	400.0	-30.5	-47.5	308.8	10.2	7.9	-6.4	315.3	316.2	0.1	23.1	8.6	128.0
21.6	79.6	7699.8	375.0	-34.6	-47.5	307.9	9.4	7.4	-5.8	315.8	316.2	0.1	23.1	9.6	128.0
23.3	83.3	8177.2	350.0	-38.3	-47.5	307.9	9.4	7.4	-5.8	315.8	316.2	0.1	23.1	10.6	127.0
25.2	87.0	8680.3	325.0	-43.3	-47.5	307.9	10.2	8.5	-5.7	317.1	317.1	0.1	23.1	11.7	127.0
27.1	91.0	9216.5	300.0	-48.0	-47.5	307.9	14.7	11.7	-8.9	320.8	317.1	0.1	23.1	13.0	127.0
29.1	95.2	9791.4	275.0	-49.5	-47.5	298.4	15.5	13.6	-7.4	323.5	317.1	0.1	23.1	14.9	126.0
31.1	99.5	10408.9	250.0	-54.4	-47.5	293.7	14.3	13.1	-5.7	325.2	317.1	0.1	23.1	16.7	125.0
33.4	104.0	11076.1	225.0	-58.7	-47.5	286.0	16.0	15.4	-4.4	328.5	317.1	0.1	23.1	18.6	123.0
36.1	109.0	11816.6	200.0	-57.5	-47.5	282.1	20.1	19.7	-4.2	331.7	317.1	0.1	23.1	21.3	121.0
38.1	114.2	12671.6	175.0	-52.6	-47.5	275.9	24.2	24.0	-2.5	334.7	317.1	0.1	23.1	25.1	117.0
42.3	119.7	13661.9	150.0	-54.6	-47.5	273.4	24.1	24.0	-1.4	336.0	317.1	0.1	23.1	29.8	114.0
46.2	126.0	14826.5	125.0	-54.4	-47.5	265.1	24.0	23.9	2.1	336.0	317.1	0.1	23.1	34.5	110.0
50.9	133.0	16251.6	100.0	-55.2	-47.5	260.4	20.1	20.1	-0.1	421.2	317.1	0.1	23.1	40.8	107.0
56.8	141.0	18071.0	75.0	-57.8	-47.5	272.9	12.2	12.2	-0.6	451.8	317.1	0.1	23.1	48.1	105.0
64.4	150.0	20628.9	50.0	-57.3	-47.5	292.1	4.1	3.8	-1.5	508.4	317.1	0.1	23.1	49.4	104.0
76.0	159.7	25091.4	25.0	-52.8	-47.5	999.9	99.9	99.9	99.9	633.2	317.1	0.1	23.1	99.9	99.9

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ORIGINAL PAGE IS  
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STATION NO. 476  
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27 MARCH 1982  
1715 GMT

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO CM/RG	RH PCT	RANGE KM	AZ DG
0.0	22.3	1472.0	851.5	8.9	6.2	240.0	2.6	2.3	1.3	295.3	314.2	7.0	83.0	149	15.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	22.5	1488.6	850.0	8.5	5.6	189.7	2.4	0.5	2.4	295.1	313.2	6.7	81.9	0.0	17.1
0.6	25.1	1732.2	825.0	5.2	4.0	359.1	1.3	0.0	-1.3	294.1	310.8	8.2	52.1	0.1	85.1
1.5	27.9	1983.1	800.0	3.3	2.8	278.8	2.0	2.0	-0.2	294.7	310.4	5.8	93.8	0.1	89.1
2.3	30.6	2240.1	775.0	1.2	0.3	259.7	2.5	2.4	0.4	295.1	309.0	5.1	93.8	0.2	89.1
3.1	33.3	2503.7	750.0	-0.3	-1.2	278.5	2.6	2.6	-0.4	296.3	308.3	4.7	94.1	0.3	84.1
4.0	36.1	2774.4	725.0	-2.2	-3.0	310.3	3.4	2.6	-2.2	297.1	308.9	4.2	94.1	0.5	95.1
5.0	39.0	3052.7	700.0	-4.0	-5.2	326.2	3.7	2.0	-3.0	298.1	308.6	3.7	91.2	0.7	110.1
5.9	41.8	3239.2	675.0	-5.5	-6.7	327.5	3.6	1.9	-3.0	299.5	307.7	2.8	75.2	0.8	119.1
6.9	44.6	3434.6	650.0	-7.5	-8.7	327.7	3.0	2.0	-0.3	300.5	307.7	2.8	84.1	1.0	121.1
7.8	47.5	3638.9	625.0	-9.7	-10.5	274.7	3.1	2.8	1.1	301.4	309.4	1.9	83.7	1.1	114.1
8.8	50.5	3839.1	600.0	-11.0	-12.5	263.7	3.1	2.1	1.1	303.4	309.0	1.9	88.7	1.2	108.1
9.9	53.5	4253.7	575.0	-12.0	-14.8	268.0	3.9	3.5	-1.8	305.9	309.9	1.3	48.1	1.4	109.1
11.0	56.8	4579.9	550.0	-12.5	-17.3	300.3	6.7	5.7	-4.2	309.3	311.7	0.7	27.8	1.8	111.1
12.3	59.8	4919.8	525.0	-14.8	-20.7	299.6	8.5	7.4	-4.2	310.7	313.4	0.7	37.0	2.3	113.1
13.4	62.8	5273.8	500.0	-17.6	-26.2	295.0	9.5	8.7	-4.1	311.6	313.9	0.5	36.7	2.9	114.1
14.7	66.1	5641.0	475.0	-20.0	-33.3	298.8	9.9	8.7	-4.8	312.2	314.9	0.4	29.2	3.7	115.1
16.1	69.5	6023.4	450.0	-22.5	-35.9	292.5	10.1	9.4	-3.9	315.0	316.3	0.3	28.2	4.5	115.1
17.4	72.9	6422.6	425.0	-26.2	-39.0	281.1	10.2	10.0	-2.0	315.4	316.4	0.2	28.6	5.4	114.1
18.9	76.4	6839.1	400.0	-30.2	-41.8	273.0	10.4	10.4	-0.5	315.8	316.7	0.2	31.5	6.2	111.1
20.3	80.0	7274.2	375.0	-34.5	-44.9	269.4	10.8	10.8	0.1	315.9	316.6	0.2	33.5	7.1	108.1
21.9	83.8	8207.4	350.0	-38.9	-48.9	274.5	10.3	10.3	-0.8	316.3	316.8	0.1	33.4	8.0	108.1
23.8	87.7	8712.8	325.0	-42.1	-51.9	278.2	10.5	10.4	-1.5	318.7	319.9	99.9	99.9	9.0	105.1
25.3	91.7	9250.8	300.0	-45.4	-55.9	281.3	12.7	12.5	-2.5	321.3	319.9	99.9	99.9	10.2	105.1
27.1	96.0	9825.1	275.0	-50.1	-59.9	275.7	11.9	11.8	-1.2	322.7	319.9	99.9	99.9	11.8	103.1
28.0	100.3	10441.8	250.0	-54.6	-63.9	269.0	10.9	10.9	0.2	325.0	319.9	99.9	99.9	12.8	103.1
31.1	105.2	11110.3	225.0	-57.8	-67.9	270.3	13.7	13.7	-0.1	329.9	319.9	99.9	99.9	14.1	101.1
33.3	110.2	11851.7	200.0	-58.2	-68.9	276.4	18.6	18.5	-0.1	340.8	319.9	99.9	99.9	16.4	101.1
35.9	115.5	12701.3	175.0	-58.1	-69.9	270.3	22.3	22.3	-0.1	359.0	319.9	99.9	99.9	19.5	99.1
39.0	121.5	13885.8	150.0	-54.6	-69.9	269.1	23.1	23.1	0.4	376.0	319.9	99.9	99.9	23.9	97.1
42.9	128.2	14856.6	125.0	-54.2	-69.9	260.1	24.9	24.5	4.3	396.9	319.9	99.9	99.9	29.1	93.1
47.3	135.7	16281.4	100.0	-55.2	-69.9	269.2	19.8	19.8	0.3	421.2	319.9	99.9	99.9	35.3	93.1
52.9	144.5	18103.4	75.0	-57.3	-69.9	257.1	11.4	11.2	2.6	452.7	319.9	99.9	99.9	40.3	93.1
60.6	155.0	20677.6	50.0	-53.9	-69.9	262.8	4.5	4.5	0.6	516.6	319.9	99.9	99.9	43.8	93.1
71.6	166.0	25130.3	25.0	-52.1	-69.9	168.7	2.2	-2.1	0.7	634.8	319.9	99.9	99.9	43.1	90.1

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 476  
GRAND JUNCTION, COLORADO

27 MARCH 1982  
2015 GMT

TIME MIN	CONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U-WIND M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.2	1472.0	851.0	11.1	4.8	230.0	2.6	2.0	1.7	297.7	315.0	6.4	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	22.3	1481.8	850.0	10.9	4.5	216.7	2.3	1.4	1.9	297.5	314.6	6.2	64.8	0.0	8.
0.8	25.1	1729.3	825.0	7.4	2.8	181.7	0.7	0.0	0.7	286.4	312.0	5.7	72.2	0.1	45.
1.7	27.8	1981.9	800.0	5.1	1.4	248.9	0.8	0.8	0.3	296.5	311.1	5.3	77.2	0.1	49.
2.8	30.6	2240.4	775.0	2.8	-1.6	289.8	1.3	1.3	0.0	296.9	309.1	4.4	77.2	0.2	56.
3.9	33.2	2505.2	750.0	1.1	-3.0	272.2	3.0	3.0	-0.1	297.7	309.2	4.1	74.2	0.3	76.
5.0	36.0	2777.2	725.0	-0.4	-7.3	267.0	4.1	4.1	-0.2	299.1	308.5	3.5	67.5	0.5	78.
6.1	38.9	3057.0	700.0	-2.8	-8.0	268.5	4.5	4.2	-0.9	299.4	308.5	3.2	71.2	0.8	86.
7.3	41.8	3344.3	675.0	-5.2	-8.7	268.3	2.7	2.6	-0.9	299.9	308.5	3.1	80.1	1.0	92.
8.5	44.6	3640.5	650.0	-8.5	-10.5	249.9	3.1	2.9	1.1	301.6	310.5	3.1	84.8	1.2	92.
10.9	47.6	3946.0	625.0	-9.1	-15.4	240.7	3.7	3.7	-0.0	302.0	310.0	2.7	89.6	1.4	88.
12.2	50.5	4260.5	600.0	-11.5	-20.9	230.3	2.9	3.7	-0.0	302.8	308.6	1.9	72.9	1.6	88.
13.5	53.6	4587.6	575.0	-12.5	-21.6	223.6	6.0	5.9	-1.4	307.9	311.9	1.3	41.5	2.0	89.
15.0	56.8	4929.0	550.0	-15.1	-24.2	215.4	8.4	8.3	-0.8	310.2	313.1	1.2	46.2	2.5	92.
16.3	62.9	5282.7	525.0	-17.5	-26.9	209.9	10.2	10.2	-0.2	311.7	314.5	1.0	43.5	3.1	94.
17.6	68.1	5650.1	500.0	-20.0	-29.8	204.4	10.8	10.8	-0.1	313.2	315.4	0.7	41.1	3.8	93.
19.0	73.4	6032.5	475.0	-23.4	-33.1	207.8	11.8	11.8	0.4	313.8	315.5	0.5	40.6	4.6	92.
20.5	78.9	6430.7	450.0	-26.9	-36.7	206.9	11.9	11.6	2.7	314.5	315.8	0.4	38.6	5.7	91.
22.1	83.6	6846.1	425.0	-30.5	-40.2	204.9	11.4	11.0	3.0	315.4	316.4	0.3	37.8	7.7	88.
23.9	88.3	7260.4	400.0	-33.7	-43.2	202.4	12.6	12.4	1.7	317.8	318.6	0.2	37.5	10.4	87.
25.7	93.8	7675.9	375.0	-37.6	-46.7	200.5	13.4	13.7	0.3	319.8	319.8	0.2	37.5	11.8	87.
27.5	98.3	8093.4	350.0	-41.3	-49.9	207.5	13.7	13.7	-0.1	321.2	321.2	0.2	37.5	13.4	88.
29.4	103.3	8518.8	325.0	-45.5	-53.9	204.4	14.8	14.8	-0.4	322.9	322.9	0.2	37.5	14.8	88.
31.2	108.3	8946.3	300.0	-50.0	-57.8	201.7	16.8	16.8	-2.1	324.5	324.5	0.2	37.5	16.8	90.
33.1	113.3	9373.5	275.0	-54.2	-61.7	200.6	17.7	17.4	-4.5	326.0	326.0	0.2	37.5	18.8	90.
35.3	118.3	9800.7	250.0	-57.8	-65.6	200.6	17.7	17.4	-3.3	327.5	327.5	0.2	37.5	20.8	92.
37.6	123.3	10223.7	225.0	-60.7	-69.5	200.6	17.7	17.4	-1.3	329.0	329.0	0.2	37.5	22.8	92.
40.3	128.3	10646.1	200.0	-64.8	-73.4	200.6	17.7	17.4	-0.1	330.5	330.5	0.2	37.5	25.1	92.
43.3	133.3	11068.5	175.0	-54.8	-77.3	200.6	17.7	17.4	1.2	332.0	332.0	0.2	37.5	27.1	92.
47.5	138.3	11490.9	150.0	-58.2	-81.2	200.6	17.7	17.4	3.6	333.5	333.5	0.2	37.5	29.1	90.
52.2	143.3	11913.3	125.0	-58.2	-85.1	200.6	17.7	17.4	2.7	335.0	335.0	0.2	37.5	31.1	89.
57.6	148.3	12335.7	100.0	-58.2	-89.0	200.6	17.7	17.4	2.3	336.5	336.5	0.2	37.5	33.1	87.
65.3	153.3	12758.1	75.0	-58.2	-92.9	200.6	17.7	17.4	2.3	338.0	338.0	0.2	37.5	35.1	87.
76.8	160.0	13180.5	50.0	-51.0	-96.8	200.6	17.7	17.4	-0.5	339.5	339.5	0.2	37.5	37.1	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



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OF POOR QUALITY

STATION NO. 476  
GRAND JUNCTION, COLORADO  
27 MARCH 1982  
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.7	1472.0	850.0	11.7	-0.8	340.0	3.6	1.2	-3.4	298.4	310.4	4.3	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	24.3	1720.7	825.0	9.3	-1.3	303.6	3.2	2.7	-1.8	298.4	310.2	4.2	47.4	0.3	121.
2.1	26.9	1974.7	800.0	6.9	-1.4	282.8	4.1	4.0	-0.9	298.5	310.4	4.1	55.6	0.5	116.
3.3	32.2	2234.7	775.0	4.3	-2.1	271.2	5.2	4.7	-0.1	299.0	310.5	3.8	68.1	0.9	113.
4.2	34.9	2500.8	750.0	2.2	-3.1	245.3	5.1	4.7	2.1	299.5	310.4	3.5	72.4	1.2	104.
5.2	37.6	2773.8	725.0	0.0	-4.3	230.1	4.3	3.3	2.8	300.0	310.1	3.2	76.3	1.4	96.
6.1	40.3	3054.0	700.0	-2.3	-5.9	223.1	4.3	2.9	3.1	300.6	309.7	2.8	78.9	1.6	90.
6.9	40.3	3342.0	675.0	-4.6	-7.7	223.1	4.3	2.9	2.9	301.1	309.3	2.7	81.5	1.7	84.
7.9	43.1	3638.0	650.0	-7.0	-9.6	221.9	3.9	2.6	2.7	302.1	310.0	2.4	87.6	1.9	79.
9.1	45.9	3943.3	625.0	-9.1	-10.7	227.6	4.0	3.0	2.3	302.4	309.5	2.2	93.5	2.2	75.
10.3	48.8	4258.0	600.0	-11.8	-12.7	237.5	4.3	3.6	1.3	305.5	309.3	1.2	97.0	2.5	74.
11.4	51.7	4583.7	575.0	-12.4	-13.3	255.1	4.9	4.8	1.2	307.7	311.3	1.1	97.0	2.8	75.
12.4	54.6	4922.7	550.0	-13.8	-14.5	258.8	5.4	5.2	1.2	309.4	312.6	1.0	97.0	3.3	75.
13.7	57.7	5275.3	525.0	-15.8	-16.4	258.9	7.5	7.2	1.8	310.6	313.2	0.8	97.0	4.0	75.
15.1	60.8	5641.3	500.0	-18.4	-19.2	267.3	9.5	9.3	0.5	311.9	313.5	0.5	97.0	4.8	75.
16.5	64.0	6021.9	475.0	-21.1	-22.3	267.3	10.4	10.4	0.3	314.6	314.6	0.4	97.0	5.8	75.
18.0	67.1	6419.1	450.0	-23.7	-25.0	271.5	12.2	12.2	1.0	314.6	315.9	0.3	97.0	7.0	81.
19.6	70.5	6834.4	425.0	-26.9	-28.7	285.8	13.7	13.7	0.9	314.6	315.7	0.3	97.0	8.3	81.
21.1	74.0	7267.8	400.0	-30.9	-31.3	285.8	14.3	14.3	0.9	317.9	318.7	0.2	97.0	9.6	82.
22.6	77.4	7723.7	375.0	-33.0	-34.2	275.1	13.2	13.1	-1.2	318.5	319.1	0.2	97.0	10.8	85.
24.3	81.1	8204.9	350.0	-37.2	-38.9	284.5	14.6	14.1	-3.6	318.5	319.1	0.2	97.0	12.4	90.
26.0	85.0	8712.3	325.0	-41.4	-42.9	285.7	16.9	16.3	-4.6	320.8	319.9	99.9	97.0	14.2	90.
27.8	88.9	9250.3	300.0	-48.0	-49.9	285.1	18.4	17.7	-4.8	322.0	319.9	99.9	97.0	16.4	94.
29.8	93.0	9823.3	275.0	-50.6	-52.2	289.2	20.2	19.1	-6.8	322.0	319.9	99.9	97.0	19.1	94.
31.9	97.4	10438.4	250.0	-55.3	-56.9	289.2	22.2	21.7	-2.4	327.7	319.9	99.9	97.0	22.1	95.
34.2	102.0	11104.8	225.0	-59.2	-60.9	276.0	22.7	22.6	0.5	327.7	319.9	99.9	97.0	25.6	95.
36.6	107.0	11838.3	200.0	-60.9	-62.9	268.8	25.1	25.1	1.7	336.4	319.9	99.9	97.0	29.9	94.
39.5	112.4	12677.3	175.0	-55.7	-57.9	268.0	24.0	24.0	2.7	358.0	319.9	99.9	97.0	34.1	94.
42.5	118.2	13663.6	150.0	-54.5	-56.9	263.4	23.7	22.5	2.1	376.2	319.9	99.9	97.0	39.6	91.
46.3	124.7	14824.2	125.0	-56.1	-58.9	263.3	25.3	25.2	2.2	422.6	319.9	99.9	97.0	46.3	90.
51.2	132.3	16252.5	100.0	-54.4	-57.9	263.3	19.3	19.1	4.4	449.2	319.9	99.9	97.0	51.2	88.
56.9	141.3	18070.7	75.0	-59.0	-60.9	251.3	13.9	13.1	-1.5	515.1	319.9	99.9	97.0	55.6	88.
64.3	151.3	20841.6	50.0	-54.5	-57.9	301.3	7.8	7.7	-1.3	633.7	319.9	99.9	97.0	55.6	88.
75.8	162.3	25092.6	25.0	-52.6	-59.9	301.3	2.5	2.2	-1.3	633.7	319.9	99.9	97.0	55.6	88.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 476  
GRAND JUNCTION, COLORADO

28 MARCH 1982  
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0	21.5	1472.0	850.5	9.4	2.0	135.0	5.2	-3.7	3.7	296.0	310.3	5.2	60.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	21.6	1476.9	850.0	9.4	2.0	157.9	4.9	-1.8	4.5	296.0	310.3	5.2	60.0	0.0	0.0
1.8	24.2	1724.2	825.0	8.3	0.5	320.8	1.8	1.1	0.1	297.3	310.7	4.8	58.0	0.1	228.0
2.7	26.9	1977.8	800.0	6.3	-0.5	264.7	1.5	1.7	0.1	297.9	311.4	5.0	68.5	0.1	166.0
3.7	32.2	2237.1	775.0	3.3	-2.0	238.8	2.0	1.1	2.5	298.1	310.7	4.1	72.9	0.2	119.0
4.6	34.9	2503.2	750.0	2.2	-6.0	237.0	4.5	3.8	1.6	299.4	309.0	3.4	84.4	0.6	70.0
5.6	37.7	2768.2	725.0	-0.1	-8.9	255.5	6.3	6.1	1.9	300.5	308.5	2.8	84.4	1.0	74.0
6.6	40.4	3056.4	700.0	-1.8	-9.7	252.6	8.5	6.2	2.8	301.3	308.2	2.7	84.2	1.3	71.0
7.5	43.3	3344.7	675.0	-3.9	-11.1	239.1	5.5	4.6	3.1	301.9	309.3	2.5	88.3	1.6	69.0
8.5	46.2	3641.6	650.0	-6.3	-13.3	237.7	5.7	5.4	3.4	302.0	309.8	2.6	84.0	2.0	67.0
9.4	49.1	3947.0	625.0	-9.1	-13.0	239.8	6.8	6.3	3.4	307.1	311.1	2.4	95.7	2.3	65.0
10.4	52.1	4281.0	600.0	-11.0	-20.7	249.5	7.9	7.8	0.9	307.5	311.2	1.2	44.5	3.2	67.0
11.6	55.2	4587.4	575.0	-14.0	-22.3	263.3	9.4	9.4	0.8	308.5	310.8	0.7	35.7	4.6	72.0
12.8	58.3	5278.7	550.0	-18.6	-28.0	265.2	10.8	10.7	1.1	310.6	312.7	0.6	35.7	5.5	75.0
14.0	61.4	5544.2	525.0	-18.6	-28.0	264.3	10.8	10.7	1.1	310.6	312.7	0.5	36.2	6.5	79.0
15.5	64.7	6025.2	475.0	-21.2	-32.2	274.8	11.4	11.4	-1.0	311.9	313.6	0.4	37.0	7.5	82.0
17.0	68.0	6421.1	450.0	-25.0	-35.4	281.3	12.9	12.7	-2.5	312.8	314.0	0.3	37.8	8.7	85.0
18.4	71.4	6834.2	425.0	-28.3	-38.1	280.2	13.6	13.4	-1.9	314.0	315.6	0.2	37.5	10.1	86.0
19.9	74.9	7288.6	400.0	-31.1	-40.8	277.8	14.0	13.9	-1.4	316.1	316.8	0.2	36.9	12.3	87.0
21.5	78.6	7721.3	375.0	-34.4	-44.0	274.8	16.7	16.6	0.0	317.4	317.9	0.1	37.4	14.4	88.0
23.4	82.3	8200.5	350.0	-38.1	-47.2	269.9	18.0	18.0	0.8	318.5	319.9	99.9	99.9	17.9	89.0
25.5	86.1	8708.3	325.0	-42.2	-50.9	272.1	18.5	18.4	-0.8	319.6	319.9	99.9	99.9	22.9	91.0
27.7	90.2	9242.2	300.0	-46.7	-54.9	281.3	20.7	20.7	-4.4	321.4	321.4	99.9	99.9	26.5	94.0
30.0	94.4	9614.2	275.0	-51.0	-59.9	285.7	22.4	22.0	-6.4	323.2	323.2	99.9	99.9	30.2	96.0
32.2	98.7	10279.9	250.0	-55.8	-64.9	285.7	23.8	22.9	-11.2	326.1	326.1	99.9	99.9	34.2	98.0
34.6	103.4	11090.7	225.0	-60.3	-69.9	293.9	27.5	25.2	-11.2	332.6	332.6	99.9	99.9	38.2	99.0
37.2	108.5	11820.6	200.0	-63.3	-74.9	281.0	24.2	23.8	-11.2	335.3	335.3	99.9	99.9	42.2	99.0
40.3	114.0	12645.7	175.0	-58.5	-69.9	268.1	25.2	25.2	3.1	373.1	373.1	99.9	99.9	46.2	99.0
44.0	120.0	13427.6	150.0	-56.3	-64.9	268.8	24.4	24.2	2.4	393.4	393.4	99.9	99.9	50.2	99.0
48.4	126.7	14788.5	125.0	-56.1	-59.9	264.0	23.0	22.8	4.3	415.5	415.5	99.9	99.9	54.2	99.0
53.6	134.3	16198.9	100.0	-58.1	-54.9	256.4	18.2	17.7	-0.2	447.2	447.2	99.9	99.9	58.2	89.0
59.9	143.0	18000.4	75.0	-60.0	-59.9	254.8	15.4	14.9	-0.2	506.8	506.8	99.9	99.9	63.3	89.0
68.5	153.0	20553.0	50.0	-58.0	-54.9	271.7	6.9	6.9	99.9	627.5	627.5	99.9	99.9	63.9	89.0
82.7	164.0	24961.6	25.0	-54.7	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 476  
GRAND JUNCTION, COLORADO

28 MARCH 1982  
505 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	W. RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	22.2	1472.0	851.4	8.9	3.1	110.0	4.1	-3.9	1.4	295.3	310.7	5.6	67.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	22.4	1485.7	850.0	8.9	3.0	124.7	3.6	-3.0	2.1	295.4	310.8	5.6	66.7	0.0	342.0
0.8	25.1	1732.8	825.0	8.3	1.3	154.1	2.8	-0.9	2.1	297.4	311.5	5.1	61.3	0.0	327.0
1.7	27.8	1986.4	800.0	6.3	-0.2	204.6	3.8	1.5	3.2	298.6	310.0	4.0	59.6	0.0	305.0
2.7	30.6	2246.1	775.0	4.4	-2.7	235.6	4.5	3.7	2.5	298.9	309.3	3.7	62.0	0.5	351.0
3.6	33.2	2512.2	750.0	2.1	-4.4	250.1	5.2	4.9	1.8	299.9	309.9	3.5	64.6	0.6	351.0
4.5	36.2	2785.1	725.0	0.4	-5.5	268.7	5.2	4.8	2.1	300.0	309.2	3.2	69.5	0.9	33.0
5.5	39.0	3085.4	700.0	-2.3	-7.1	286.7	6.2	5.2	3.4	300.5	309.8	2.9	80.3	1.1	41.0
6.6	41.9	3353.3	675.0	-4.6	-7.5	306.8	8.1	6.4	4.7	301.5	310.0	2.6	81.9	1.6	44.0
7.6	44.9	3649.5	650.0	-6.6	-9.2	324.3	8.8	6.4	6.0	301.7	309.4	2.4	87.4	2.2	47.0
8.7	47.8	3954.7	625.0	-9.4	-11.1	342.6	9.8	6.4	7.1	302.9	310.1	2.4	92.5	2.8	45.0
9.9	50.8	4269.3	600.0	-11.5	-12.4	361.3	9.8	8.3	8.3	308.8	311.1	1.4	98.8	3.4	46.0
10.9	53.8	4598.6	575.0	-13.1	-19.9	377.3	9.0	8.7	5.3	310.3	312.8	0.8	103.4	4.0	49.0
12.1	56.8	4936.3	550.0	-15.1	-25.8	385.4	11.2	11.2	1.7	311.0	313.0	0.7	107.7	4.7	54.0
13.4	60.1	5289.5	525.0	-18.1	-30.3	393.0	11.6	11.6	1.0	311.8	313.7	0.5	111.3	5.1	58.0
14.8	63.3	5656.4	500.0	-18.1	-32.9	401.1	11.6	11.6	-0.6	313.2	314.7	0.4	115.3	5.6	65.0
16.4	66.8	6037.3	475.0	-21.3	-34.9	409.1	14.2	14.2	0.2	314.2	315.4	0.3	119.3	6.1	71.0
17.9	70.0	6434.0	450.0	-23.9	-37.6	417.1	16.3	16.3	1.0	315.5	316.5	0.3	123.3	6.6	73.0
19.5	73.4	6848.9	425.0	-27.1	-40.7	425.1	17.1	17.1	1.0	316.2	317.9	0.2	127.3	7.1	76.0
21.2	77.0	7282.5	400.0	-30.4	-44.1	433.1	18.7	18.7	-0.5	317.3	319.9	0.1	131.3	7.6	79.0
23.1	80.7	7737.9	375.0	-34.3	-47.3	441.1	20.1	19.9	-2.5	319.9	322.0	99.9	99.9	10.0	82.0
25.0	84.4	8218.9	350.0	-38.1	-49.9	449.1	20.1	20.0	-3.5	322.0	324.3	99.9	99.9	10.0	85.0
26.9	88.2	8723.8	325.0	-41.2	-52.0	457.1	19.5	19.5	-5.0	324.3	326.4	99.9	99.9	10.0	87.0
28.1	92.3	9263.1	300.0	-45.0	-55.0	465.1	22.2	21.9	-5.5	326.4	328.6	99.9	99.9	10.0	89.0
29.1	96.5	9838.3	275.0	-48.9	-58.9	473.1	25.0	25.5	-5.5	328.6	331.8	99.9	99.9	10.0	90.0
31.3	101.0	10454.2	250.0	-52.0	-62.0	481.1	28.2	28.2	-1.2	331.8	334.9	99.9	99.9	10.0	91.0
33.6	105.8	11119.8	225.0	-55.0	-65.0	489.1	29.7	29.7	2.6	334.9	338.5	99.9	99.9	10.0	92.0
36.2	110.8	11846.8	200.0	-58.2	-68.2	497.1	28.2	28.1	2.6	338.5	341.8	99.9	99.9	10.0	93.0
38.8	116.4	12671.6	175.0	-61.2	-71.2	505.1	25.8	25.6	3.2	341.8	345.0	99.9	99.9	10.0	94.0
41.6	122.5	13538.4	150.0	-58.7	-68.7	513.1	23.5	23.3	3.2	345.0	348.4	99.9	99.9	10.0	95.0
45.0	129.2	14498.0	125.0	-57.0	-67.0	521.1	20.6	19.6	6.6	348.4	351.8	99.9	99.9	10.0	96.0
48.1	137.0	15458.0	100.0	-57.8	-67.8	529.1	13.7	13.4	3.0	351.8	355.2	99.9	99.9	10.0	97.0
51.2	146.0	16418.0	75.0	-59.4	-69.4	537.1	13.7	13.4	3.0	355.2	358.6	99.9	99.9	10.0	98.0
54.2	156.3	17378.4	50.0	-57.3	-67.3	545.1	5.6	5.6	0.6	358.6	362.0	99.9	99.9	10.0	99.0
58.9	167.5	18338.4	25.0	-54.8	-64.8	553.1	99.9	99.9	99.9	627.5	999.9	99.9	99.9	10.0	100.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

# ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 478  
GRAND JUNCTION, COLORADO

28 MARCH 1982  
1105 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

149 14. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.2	1472.0	849.3	6.7	3.0	110.0	3.6	-3.4	1.2	293.2	308.4	5.6	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	24.8	1711.3	825.0	7.3	0.1	999.9	99.9	99.9	99.9	296.4	309.3	4.7	80.0	99.9	99.9
1.5	27.4	1964.2	800.0	5.9	-1.8	999.9	99.9	99.9	99.9	297.4	309.3	4.2	57.8	99.9	99.9
2.3	30.1	2233.4	775.0	4.0	-3.6	199.5	3.9	1.3	3.9	298.1	308.7	3.8	58.0	99.9	99.9
3.3	32.9	2489.1	750.0	2.0	-5.0	225.3	6.2	4.0	3.7	298.7	308.7	3.5	59.7	0.9	337.
4.3	35.7	2762.1	725.0	0.2	-6.2	228.7	7.0	4.8	4.0	299.7	309.2	3.3	62.1	0.9	350.
5.3	38.4	3042.5	700.0	-2.0	-8.9	217.1	7.8	4.5	5.6	300.2	309.6	3.2	65.3	1.1	8.
6.4	41.3	3320.5	675.0	-4.4	-10.8	215.2	8.4	4.2	6.3	300.8	309.6	2.9	70.8	1.9	17.
7.5	44.1	3626.5	650.0	-7.2	-10.8	209.9	9.5	4.2	7.2	300.8	308.5	2.6	77.1	2.4	22.
8.5	47.1	3930.8	625.0	-10.0	-10.7	209.5	10.8	4.7	8.3	301.0	308.9	2.7	94.8	3.0	25.
9.5	50.0	4244.0	600.0	-13.0	-17.8	219.9	10.8	6.9	8.3	301.1	305.8	1.6	67.1	3.6	26.
10.7	53.0	4570.7	575.0	-10.6	-22.7	236.1	12.7	10.5	7.7	307.6	311.0	1.1	38.2	4.3	30.
11.9	56.1	4911.5	550.0	-12.8	-24.6	240.9	15.8	13.8	6.5	308.9	311.9	0.9	36.5	5.3	36.
13.3	59.3	5264.7	525.0	-15.6	-27.4	245.4	15.6	14.2	6.5	309.7	312.2	0.8	35.3	6.5	41.
14.6	62.4	5631.7	500.0	-17.9	-29.6	253.4	14.6	13.9	4.2	311.3	313.4	0.7	34.9	7.5	46.
16.0	65.7	6012.9	475.0	-21.1	-32.5	260.0	15.3	15.1	2.7	311.9	313.6	0.5	34.8	8.6	50.
17.4	69.0	6409.8	450.0	-23.9	-34.9	268.6	17.7	17.4	3.5	313.2	314.7	0.4	35.1	9.8	54.
19.0	72.4	6824.4	425.0	-27.1	-37.6	266.9	20.9	20.4	4.7	313.2	315.5	0.3	35.3	11.5	57.
20.5	75.9	7258.1	400.0	-30.3	-40.6	261.4	24.1	23.9	3.6	315.7	316.6	0.3	35.3	13.5	61.
22.5	79.6	7714.0	375.0	-33.8	-43.8	262.9	24.2	24.0	3.0	316.8	317.6	0.2	35.4	16.2	65.
24.7	83.3	8193.5	350.0	-38.1	-47.6	262.5	22.6	22.4	2.9	317.4	318.0	0.1	35.6	19.1	67.
26.7	87.2	8699.5	325.0	-42.1	99.9	262.7	25.5	25.3	3.3	318.7	319.9	99.9	99.9	21.9	69.
28.6	91.3	9235.8	300.0	-46.5	99.9	261.9	26.5	26.3	3.7	319.8	320.9	99.9	99.9	25.2	71.
31.0	95.5	9807.7	275.0	-51.0	99.9	258.1	28.8	28.2	6.0	321.4	321.4	99.9	99.9	28.6	72.
33.1	100.0	10421.3	250.0	-55.3	99.9	255.0	29.2	28.2	7.5	323.8	323.8	99.9	99.9	32.3	73.
35.5	104.6	11084.9	225.0	-61.0	99.9	255.7	30.8	29.8	7.6	325.1	325.1	99.9	99.9	36.7	73.
38.2	109.8	11808.6	200.0	-65.3	99.9	256.2	34.0	33.0	8.1	329.4	329.4	99.9	99.9	41.7	73.
41.3	115.2	12627.1	175.0	-68.5	99.9	256.2	30.3	29.4	7.2	338.6	338.6	99.9	99.9	47.7	74.
44.8	121.2	13594.8	150.0	-58.9	99.9	256.6	27.3	27.3	6.5	391.5	391.5	99.9	99.9	54.0	74.
48.8	128.0	14746.6	125.0	-57.2	99.9	253.6	22.5	21.6	5.6	416.1	416.1	99.9	99.9	60.0	74.
53.7	135.7	16153.8	100.0	-57.8	99.9	254.8	21.2	20.5	4.6	448.8	448.8	99.9	99.9	66.1	74.
59.5	144.5	17966.2	75.0	-57.3	99.9	253.8	16.6	15.9	-0.6	508.0	508.0	99.9	99.9	73.1	74.
67.4	155.0	20532.0	50.0	-57.5	99.9	275.3	6.3	6.3	-0.6	626.3	626.3	99.9	99.9	78.5	74.
79.9	185.5	24940.6	25.0	-55.2	99.9	170.8	2.2	-0.4	-2.2					80.3	74.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS

27 MARCH 1982  
1100 GMT

170 11. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	GMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	200.0	1005.7	-5.0	-8.9	340.0	3.1	1.1	-2.9	267.7	272.7	1.9	74.0	0.0	0.
0.1	8.9	244.7	1000.0	-5.1	-9.1	999.9	99.9	99.9	99.9	268.1	273.0	1.9	73.3	999.9	999.
0.8	9.4	443.7	975.0	-5.6	-11.4	999.9	99.9	99.9	99.9	269.5	273.8	1.6	83.5	999.9	999.
1.5	12.1	840.6	950.0	-7.1	-14.1	999.9	99.9	99.9	99.9	270.0	273.6	1.3	56.8	999.9	999.
2.4	14.8	854.5	925.0	-8.4	-16.5	30.9	5.8	-2.9	-1.2	270.8	273.9	1.1	59.0	0.9	207.
3.0	17.4	1086.4	900.0	-10.4	-18.8	21.9	7.0	-2.6	-1.5	270.8	273.9	1.1	59.0	1.1	207.
3.7	20.1	1282.4	875.0	-12.3	-20.1	359.3	8.8	-1.3	-1.5	271.0	273.5	0.9	51.9	1.4	204.
4.6	22.8	1504.4	850.0	-11.1	-21.4	353.7	11.5	0.1	-11.5	274.5	275.9	0.5	51.9	1.9	199.
5.4	25.4	1733.7	825.0	-11.3	-24.8	353.9	12.6	1.4	-12.5	278.2	279.8	0.5	29.0	3.0	189.
6.2	28.2	1969.3	800.0	-12.1	-28.5	353.9	13.3	1.4	-13.2	279.9	281.2	0.4	24.5	3.6	187.
6.9	31.0	2211.8	775.0	-13.0	-30.0	354.0	13.7	1.4	-13.6	280.4	281.7	0.4	26.2	4.3	185.
7.7	33.8	2461.0	750.0	-14.9	-32.0	350.1	13.6	2.3	-13.4	280.4	281.7	0.4	27.1	5.0	182.
8.6	36.6	2716.8	725.0	-16.3	-34.9	346.1	15.6	3.8	-15.1	281.6	282.8	0.3	25.4	5.8	180.
9.4	39.4	2980.1	700.0	-17.7	-37.7	341.5	16.5	5.2	-15.7	282.9	283.9	0.3	24.0	6.7	177.
10.3	42.4	3251.7	675.0	-18.5	-39.0	339.5	19.1	6.7	-17.9	285.0	286.0	0.3	23.7	7.7	175.
11.2	45.3	3533.0	650.0	-19.0	-34.6	341.6	21.8	6.9	-20.7	287.4	288.4	0.3	23.7	9.1	173.
12.2	48.3	3825.0	625.0	-19.0	-34.5	344.8	25.5	6.7	-24.6	290.8	291.8	0.3	23.7	10.7	172.
13.2	51.3	4129.7	600.0	-18.3	-34.8	343.8	29.7	8.3	-28.5	294.9	296.1	0.4	23.7	12.9	170.
14.3	54.4	4447.6	575.0	-18.1	-33.8	340.5	35.1	11.7	-33.1	298.7	300.0	0.4	23.9	15.4	168.
15.4	57.5	4778.8	550.0	-19.9	-35.3	339.7	37.0	12.8	-34.7	300.5	301.6	0.3	23.9	17.9	167.
16.6	60.8	5122.1	525.0	-22.6	-37.6	338.3	35.6	13.1	-33.1	301.3	302.2	0.2	25.4	20.7	166.
17.9	64.0	5478.2	500.0	-25.4	-39.5	334.9	38.7	16.4	-35.1	302.0	302.9	0.2	25.5	23.5	164.
19.1	67.3	5848.7	475.0	-28.0	-41.7	332.8	39.6	18.1	-35.2	303.3	304.0	0.2	25.5	26.6	162.
20.4	70.7	6234.7	450.0	-31.0	-44.3	335.3	43.1	18.0	-35.1	304.3	304.8	0.2	25.5	29.8	160.
21.8	74.3	6637.4	425.0	-33.9	-46.2	330.8	48.3	20.7	-33.6	305.6	306.1	0.1	27.2	33.0	158.
23.4	77.9	7060.0	400.0	-36.5	-48.3	330.8	48.7	23.8	-32.5	307.6	308.0	0.1	27.8	35.3	161.
25.3	81.5	7504.7	375.0	-39.0	-50.6	328.2	50.8*	28.9	-43.0	310.0	310.3	0.1	27.8	40.4	159.
27.1	85.3	7978.2	350.0	-41.5	-52.9	324.8	50.2*	28.9	-41.0	312.7	313.6	99.9	999.9	51.6	157.
29.0	89.3	8478.1	325.0	-44.3	-55.9	321.2	54.1*	33.9	-37.3	315.6	316.6	99.9	999.9	57.2	154.
30.8	93.3	9007.8	300.0	-48.3	-58.9	315.7	52.1*	36.4	-37.3	317.3	318.3	99.9	999.9	62.2	150.
32.7	97.7	9575.6	275.0	-52.7	-61.9	305.3	48.8*	39.8	-38.2	319.0	320.0	99.9	999.9	68.6	150.
34.8	102.2	10185.4	250.0	-55.7	-64.9	315.3	54.4*	38.2	-38.6	323.2	324.2	99.9	999.9	75.2	149.
37.1	107.0	10857.0	225.0	-58.3	-67.9	313.7	44.0*	31.8	-30.4	332.2	333.2	99.9	999.9	80.3	147.
39.6	112.0	11602.5	200.0	-57.2	-69.9	300.6	38.6*	33.2	-19.6	342.3	343.3	99.9	999.9	88.0	145.
43.0	117.5	12451.6	175.0	-53.2	-69.9	298.8	35.8*	31.4	-17.3	362.0	363.0	99.9	999.9	95.1	143.
47.1	123.7	13455.4	150.0	-52.2	-69.9	302.7	32.1*	27.0	-17.4	380.1	381.1	99.9	999.9	103.0	141.
51.5	130.3	14632.1	125.0	-52.2	-69.9	303.5	30.1*	25.1	-16.6	400.5	401.5	99.9	999.9	112.4	140.
57.1	138.0	16066.6	100.0	-53.7	-69.9	297.6	26.1*	23.1	-12.1	424.0	425.0	99.9	999.9	119.4	138.
62.9	147.0	17909.2	75.0	-53.7	-69.9	285.1	17.4*	16.8	-4.5	460.3	461.3	99.9	999.9	126.0	137.
72.7	157.3	20520.5	50.0	-51.9	-69.9	290.7	10.2*	9.6	-3.6	521.3	522.3	99.9	999.9	137.7	137.
85.9	169.0	24997.9	25.0	-53.4	-69.9	130.6	5.7	-4.3	3.7	631.2	632.2	99.9	999.9	125.7	137.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

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\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS

27 MARCH 1982  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	200.0	1009.0	-2.8	-8.8	90.0	3.1	-3.1	0.0	269.7	274.7	1.9	63.0	0.0	0.0
0.1	7.0	271.1	1000.0	-2.9	-12.8	70.1	3.7	-3.5	-1.3	270.3	274.3	1.5	49.7	0.3	268.
0.6	9.3	470.8	975.0	-5.2	-12.8	87.4	4.0	-3.7	-1.5	269.9	273.8	1.5	54.9	0.4	245.
1.4	11.8	874.2	950.0	-7.0	-12.3	85.7	4.5	-4.4	-1.2	270.1	274.2	1.6	65.8	0.6	247.
2.3	14.4	881.4	925.0	-9.2	-12.4	85.7	4.1	-3.7	-1.7	270.0	274.1	1.6	77.1	0.8	250.
3.1	17.0	1092.9	900.0	-11.6	-12.6	42.5	5.1	-3.5	-3.8	271.8	275.2	1.6	82.7	1.0	247.
3.9	19.6	1309.6	875.0	-10.5	-19.2	38.1	7.3	-4.3	-5.9	271.8	275.2	1.0	82.7	1.2	247.
4.5	22.1	1531.7	850.0	-10.2	-24.9	38.7	7.6	-4.4	-5.9	271.8	275.2	0.8	82.7	1.6	235.
5.3	24.8	1761.7	825.0	-10.2	-24.7	32.4	8.1	-4.4	-6.0	271.8	275.2	0.8	82.7	1.9	232.
6.1	27.4	1998.5	800.0	-11.0	-24.9	20.6	9.9	-3.5	-10.6	271.8	275.2	0.8	82.7	2.3	222.
6.9	30.1	2241.5	775.0	-12.7	-26.2	10.1	10.8	-1.9	-10.6	260.1	281.3	0.6	82.7	2.7	222.
7.9	32.9	2491.0	750.0	-14.4	-27.4	0.0	12.0	-0.8	-12.0	281.0	282.5	0.5	82.7	3.3	215.
8.8	35.6	2747.4	725.0	-15.8	-29.0	359.4	13.6	0.1	-12.8	281.0	282.5	0.5	82.7	3.9	209.
9.7	38.3	3011.8	700.0	-16.0	-30.0	357.3	16.1	0.8	-13.8	281.0	282.5	0.4	82.7	4.6	204.
10.7	41.1	3286.3	675.0	-15.0	-29.1	355.1	18.5	1.6	-16.1	288.7	290.5	0.5	82.7	5.5	199.
11.7	44.0	3571.5	650.0	-14.3	-28.9	353.8	21.1	2.3	-18.4	292.8	294.4	0.5	82.7	6.6	195.
12.7	46.8	3869.0	625.0	-14.5	-28.8	350.8	23.7	3.8	-23.4	295.9	297.7	0.6	82.7	7.9	191.
13.9	49.8	4178.6	600.0	-14.6	-28.8	348.7	26.2	6.0	-25.5	295.9	297.7	0.6	82.7	9.5	187.
15.1	52.7	4498.9	575.0	-18.5	-30.2	346.2	27.9	7.9	-27.1	300.7	302.4	0.5	82.7	11.4	183.
16.3	55.6	4832.5	550.0	-18.8	-32.0	343.5	27.9	7.9	-26.7	301.8	302.4	0.5	82.7	13.4	181.
17.7	58.8	5177.5	525.0	-21.3	-32.9	342.4	30.1	9.1	-27.1	302.8	302.4	0.4	82.7	15.6	178.
19.0	61.9	5532.0	500.0	-23.0	-35.5	341.5	32.4	10.3	-30.7	305.0	306.2	0.4	82.7	18.1	176.
20.4	65.1	5909.7	475.0	-25.8	-38.0	344.4	31.5	8.5	-30.4	306.0	307.1	0.3	82.7	20.6	174.
21.8	68.4	6299.3	450.0	-28.5	-39.6	349.2	34.8	8.5	-34.2	307.4	308.3	0.3	82.7	23.2	173.
23.3	71.7	6707.4	425.0	-30.3	-41.3	344.7	38.8	10.2	-37.5	310.2	311.1	0.2	82.7	26.8	173.
24.8	75.1	7137.0	400.0	-32.3	-43.5	341.1	38.3	12.4	-36.3	313.0	313.7	0.2	82.7	30.1	171.
26.5	78.7	7589.2	375.0	-35.8	-46.4	336.8	38.4	15.1	-35.3	314.2	314.8	0.2	82.7	33.8	170.
28.2	82.4	8085.3	350.0	-39.2	-48.4	331.9	40.2	18.9	-35.4	315.9	316.3	0.1	82.7	37.8	168.
30.2	86.2	8589.0	325.0	-43.0	-49.9	327.8	38.3	20.7	-34.3	317.4	316.3	0.1	82.7	42.3	168.
32.1	90.2	9124.0	300.0	-47.5	-49.9	327.8	40.6	21.6	-34.3	318.4	316.3	0.1	82.7	46.6	163.
34.1	94.3	9673.5	275.0	-51.9	-49.9	317.2	44.6	23.5	-34.3	320.1	316.3	0.1	82.7	50.9	163.
36.2	98.6	10285.8	250.0	-55.5	-49.9	314.5	43.8	31.3	-30.7	323.6	316.3	0.1	82.7	54.9	160.
38.7	103.2	10952.0	225.0	-58.2	-49.9	317.7	42.5	28.6	-31.5	329.3	316.3	0.1	82.7	58.8	158.
40.9	108.0	11697.4	200.0	-58.7	-49.9	302.1	35.6	30.1	-18.9	339.9	316.3	0.1	82.7	65.8	158.
44.0	113.4	12543.1	175.0	-56.0	-49.9	307.4	34.4	27.3	-20.9	357.6	316.3	0.1	82.7	71.2	153.
47.4	119.0	13529.0	150.0	-52.5	-49.9	308.2	38.3	30.1	-23.7	379.6	316.3	0.1	82.7	77.7	151.
51.6	125.5	14709.0	125.0	-51.3	-49.9	302.1	28.2	23.9	-15.0	401.6	316.3	0.1	82.7	85.2	149.
56.3	132.5	16150.4	100.0	-52.3	-49.9	307.5	24.5	21.8	-11.3	426.7	316.3	0.1	82.7	91.8	147.
62.3	140.7	17998.9	75.0	-54.8	-49.9	295.6	19.4	17.5	-8.4	458.0	316.3	0.1	82.7	99.1	144.
70.2	150.0	20616.8	50.0	-53.0	-49.9	294.4	12.7	11.6	-5.2	518.6	316.3	0.1	82.7	104.7	143.
81.7	160.0	25115.5	25.0	-51.2	-49.9	0.4	2.9	-0.0	-2.9	637.6	316.3	0.1	82.7	107.1	142.

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ORIGINAL PAGE IS  
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STATION NO. 532  
PEORIA, ILLINOIS

27 MARCH 1982  
1715 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	200.0	1010.0	0.6	-9.9	90.0	5.2	-5.2	0.0	273.0	277.7	1.8	45.0	0.0	0.
0.3	8.9	279.5	1000.0	-1.0	-14.1	999.9	99.9	99.9	99.9	272.2	275.6	1.3	38.1	999.9	999.
0.8	9.4	482.7	950.0	-3.2	-14.2	999.9	99.9	99.9	99.9	271.9	275.4	1.3	42.0	999.9	999.
1.3	12.0	885.3	925.0	-7.6	-14.3	999.9	99.9	99.9	99.9	271.9	275.4	1.3	48.8	999.9	999.
2.0	14.5	893.9	925.0	-9.5	-14.4	999.9	99.9	99.9	99.9	271.9	275.4	1.3	58.1	999.9	999.
2.6	17.1	1106.4	900.0	-10.0	-14.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
3.4	19.7	1323.3	875.0	-10.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
4.1	22.4	1547.7	850.0	-9.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
4.9	25.0	1778.0	825.0	-10.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
5.6	27.5	2014.4	800.0	-11.7	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
6.4	30.2	2257.0	775.0	-12.8	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
7.5	32.9	2506.5	750.0	-13.8	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
8.2	35.6	2764.7	725.0	-12.8	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
9.1	38.3	3032.4	700.0	-12.7	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
10.2	41.2	3309.9	675.0	-12.5	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
11.2	44.0	3597.6	650.0	-12.8	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
12.3	46.9	3897.2	625.0	-12.8	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
13.4	49.8	4207.6	600.0	-17.1	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
14.6	52.8	4528.3	575.0	-18.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
15.7	55.8	4861.0	550.0	-18.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
16.9	58.9	5208.9	525.0	-20.9	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
18.1	61.9	5568.5	500.0	-22.9	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
19.4	65.1	5940.3	475.0	-25.6	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
20.8	68.4	6331.5	450.0	-27.2	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
22.3	71.8	6740.8	425.0	-30.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
23.9	75.3	7189.1	400.0	-33.9	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
25.5	78.9	7618.2	375.0	-37.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
27.1	82.4	8091.6	350.0	-40.6	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
28.8	86.3	8592.5	325.0	-44.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
30.7	90.2	9123.2	300.0	-49.1	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
32.8	94.3	9689.0	275.0	-53.4	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
34.9	98.7	10297.8	250.0	-57.3	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
37.3	103.3	10959.8	225.0	-59.1	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
39.6	108.2	11697.8	200.0	-59.7	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
42.7	113.5	12545.4	175.0	-55.2	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
45.1	119.2	13535.1	150.0	-54.0	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
50.4	125.7	14709.7	125.0	-53.1	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
55.4	133.0	16147.2	100.0	-53.1	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
61.6	141.7	17994.6	75.0	-54.0	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
69.3	152.0	20133.9	50.0	-52.6	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.
81.7	163.3	25139.4	25.0	-49.2	-15.6	999.9	99.9	99.9	99.9	271.9	275.4	1.3	68.2	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS

27 MARCH 1982  
2015 GMT

163 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	200.0	1009.2	2.8	-11.5	140.0	3.6	-2.3	2.8	225.2	279.5	1.6	34.0	0.0	0.
0.2	6.7	273.9	1000.0	1.3	-14.9	73.0	3.8	-3.8	-0.5	274.5	277.8	1.2	28.7	0.2	271.
0.9	9.3	476.7	975.0	-1.0	-14.4	73.4	3.4	-3.8	-1.0	274.1	277.6	1.3	35.3	0.3	268.
1.4	11.8	893.2	952.0	-2.8	-15.0	64.7	3.8	-3.4	-1.6	274.3	277.8	1.3	38.3	0.3	261.
1.9	14.4	893.8	925.0	-4.9	-15.3	62.4	4.5	-3.9	-2.1	274.3	277.7	1.3	43.8	0.5	256.
2.5	16.9	1108.4	900.0	-6.8	-15.7	44.4	3.3	-2.3	-2.4	274.5	277.9	1.2	48.8	0.6	252.
3.3	19.5	1327.7	875.0	-8.2	-15.7	44.4	3.3	-2.3	-2.6	275.3	277.7	0.9	37.3	0.7	244.
4.0	22.1	1552.1	850.0	-9.2	-31.5	50.7	3.6	-2.8	-2.3	275.5	277.4	0.3	14.3	0.9	241.
4.8	24.7	1782.5	825.0	-10.3	-32.4	31.3	4.2	-2.2	-3.8	277.7	278.6	0.3	14.3	0.9	239.
5.7	27.3	2019.2	800.0	-10.8	-32.5	17.5	6.1	-1.8	-5.8	279.6	280.5	0.3	14.8	1.2	231.
6.5	30.0	2262.9	775.0	-10.9	-33.1	13.0	6.4	-1.4	-6.3	282.1	283.0	0.3	14.1	1.5	224.
7.4	32.7	2515.5	750.0	-10.2	-32.6	3.2	7.5	-0.4	-7.5	285.5	286.6	0.3	13.9	1.8	217.
8.3	35.4	2776.7	725.0	-10.3	-32.6	357.9	9.9	0.3	-8.9	288.3	289.2	0.3	13.9	2.2	210.
9.2	38.1	3048.9	700.0	-10.7	-32.6	354.3	9.9	1.0	-9.9	291.1	292.2	0.3	13.9	2.6	204.
10.2	41.0	3326.6	675.0	-11.2	-32.9	353.5	11.6	1.3	-11.5	293.7	294.9	0.4	13.9	3.2	198.
11.1	43.8	3616.7	650.0	-12.3	-33.0	351.2	13.9	2.1	-13.7	296.4	297.5	0.4	14.2	3.8	194.
12.2	46.7	3917.0	625.0	-13.8	-33.0	349.9	15.6	4.1	-15.0	298.4	299.6	0.4	15.8	4.7	189.
13.3	49.6	4228.2	600.0	-15.4	-32.6	337.0	17.1	6.7	-15.7	302.2	303.5	0.4	18.5	5.7	183.
14.4	52.6	4550.6	575.0	-17.4	-34.0	332.2	18.2	8.5	-16.1	306.6	307.2	0.3	18.5	6.8	178.
15.4	55.5	4884.9	550.0	-19.5	-35.6	329.1	17.9	9.2	-15.3	309.5	310.6	0.3	19.1	7.8	174.
16.6	58.8	5232.0	525.0	-17.4	-37.1	331.6	17.8	8.5	-15.7	304.9	307.2	0.3	23.2	9.0	171.
17.9	61.8	5592.6	500.0	-22.0	-37.4	338.0	18.2	7.3	-16.8	308.2	309.6	0.3	23.2	10.2	168.
19.1	64.9	5968.0	475.0	-24.5	-39.0	339.7	21.1	8.5	-19.8	307.7	311.0	0.2	23.3	13.4	165.
20.5	68.1	6350.2	450.0	-29.0	-41.0	338.2	23.0	10.4	-21.3	310.2	312.4	0.2	23.3	15.6	165.
22.0	71.5	6721.2	425.0	-32.8	-44.9	334.6	24.2	11.8	-21.8	311.8	314.8	0.1	20.5	17.8	164.
23.6	74.9	7201.2	400.0	-36.1	-47.8	333.5	26.4	12.1	-23.6	312.3	314.2	0.1	21.2	20.4	162.
25.1	78.5	7652.7	375.0	-36.1	-50.3	333.7	27.4	12.1	-24.5	313.9	314.2	0.1	21.2	23.1	162.
26.9	82.1	8127.5	350.0	-40.0	-50.9	330.7	28.0	10.3	-23.9	314.8	314.8	0.1	21.2	25.9	161.
28.6	86.0	8629.3	325.0	-44.2	-50.9	338.3	28.8	10.7	-24.5	315.7	315.7	0.1	21.2	28.6	161.
30.6	90.0	9181.7	300.0	-48.1	-50.9	338.1	28.0	10.4	-26.0	317.5	317.5	0.1	21.2	31.3	161.
32.6	94.0	9729.3	275.0	-52.5	-50.9	338.8	27.6	10.0	-25.9	319.2	319.2	0.1	21.2	34.0	160.
34.9	98.5	10339.2	250.0	-56.9	-50.9	338.9	27.5	12.5	-24.5	321.5	321.5	0.1	21.2	36.7	159.
37.2	103.0	11000.9	225.0	-59.3	-50.9	331.0	26.2	12.7	-22.9	323.6	323.6	0.1	21.2	39.4	158.
39.6	108.0	11741.9	200.0	-59.1	-50.9	330.9	22.7	17.4	-14.6	325.1	325.1	0.1	21.2	42.1	155.
42.9	113.2	12550.2	175.0	-55.2	-50.9	299.5	25.0	21.5	-13.0	328.9	328.9	0.1	21.2	44.8	151.
46.4	119.0	13577.1	150.0	-54.8	-50.9	299.4	26.4	23.0	-13.0	328.7	328.7	0.1	21.2	47.5	148.
50.7	125.5	14742.5	125.0	-54.5	-50.9	300.9	28.9	24.8	-14.9	328.3	328.3	0.1	21.2	50.2	144.
55.5	132.7	16173.1	100.0	-53.8	-50.9	297.6	24.6	21.8	-11.4	423.8	423.8	0.1	21.2	52.9	142.
61.7	141.3	18019.8	75.0	-53.3	-50.9	295.7	16.5	14.9	-7.2	461.3	461.3	0.1	21.2	55.6	139.
69.6	151.5	20638.8	50.0	-50.9	-50.9	288.8	7.7	7.7	0.8	523.6	523.6	0.1	21.2	58.3	139.
81.3	162.3	25170.6	25.0	-49.2	-50.9	101.3	4.0	-4.0	0.8	643.7	643.7	0.1	21.2	61.0	139.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS

27 MARCH 1982  
2300 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG CM/KG	RH PCT	155 RANGE KM	15. AZ DG
0.0	6.2	200.0	1008.5	2.2	-11.6	110.0	4.1	-3.9	1.4	274.7	278.9	1.6	35.0	0.0	0.0
0.2	7.0	288.2	1000.0	1.5	-14.3	65.7	3.6	-3.3	1.5	274.6	278.1	1.3	29.7	0.1	294.
0.5	9.6	471.2	950.0	0.8	-14.8	78.4	4.2	-4.1	-1.0	274.2	277.6	1.2	33.9	0.2	274.
0.9	12.0	677.7	925.0	-2.9	-15.5	85.2	4.1	-4.0	-0.3	274.2	277.5	1.2	37.3	0.4	269.
2.4	14.6	888.2	900.0	-4.9	-15.7	81.6	3.0	-2.9	-0.4	274.3	277.6	1.2	42.6	0.5	268.
3.9	17.1	1102.8	875.0	-7.0	-15.8	63.7	2.9	-2.6	-1.3	274.3	277.7	1.2	49.2	0.7	266.
4.6	19.7	1321.8	850.0	-8.5	-17.2	52.0	2.2	-1.7	-1.4	274.9	278.0	1.1	49.5	0.8	259.
5.4	22.4	1546.2	825.0	-9.5	-17.2	29.9	2.3	-1.2	-2.0	276.2	279.7	0.5	18.8	0.8	257.
5.4	25.0	1778.6	800.0	-9.8	-27.8	11.1	3.7	-0.7	-3.6	280.0	281.2	0.4	18.3	0.9	249.
6.2	27.7	2013.6	775.0	-10.5	-29.9	10.6	5.0	-0.9	-4.9	284.0	285.3	0.4	17.5	1.0	230.
7.0	30.3	2258.7	750.0	-9.2	-28.3	3.4	7.0	-0.4	-5.9	287.4	288.6	0.5	17.2	1.5	219.
7.9	33.1	2512.5	725.0	-8.5	-28.9	352.2	8.1	1.0	-6.9	289.3	290.7	0.5	17.8	1.7	209.
8.8	35.9	2775.2	700.0	-9.3	-29.3	345.2	9.2	2.1	-7.7	291.8	293.2	0.5	18.1	2.1	200.
9.8	38.7	3046.4	675.0	-9.6	-29.4	341.8	10.6	3.7	-8.7	294.6	296.0	0.5	18.5	2.5	193.
10.5	41.4	3327.1	650.0	-9.8	-29.3	339.6	12.5	5.0	-10.0	296.7	298.4	0.5	20.3	3.1	185.
11.5	44.3	3617.8	625.0	-10.8	-29.2	336.7	15.3	6.1	-11.5	299.0	301.1	0.7	27.4	4.0	178.
12.7	47.2	3918.7	600.0	-11.8	-26.8	336.2	18.2	8.4	-15.4	300.5	302.5	0.8	28.4	5.0	170.
13.7	50.1	4230.5	575.0	-13.5	-27.9	336.9	18.5	8.4	-16.2	302.3	304.1	0.5	26.4	6.2	174.
14.9	53.1	4553.1	550.0	-15.1	-30.1	332.6	17.3	10.3	-15.3	303.8	305.9	0.5	27.7	7.5	166.
16.2	56.3	4887.9	525.0	-17.1	-31.3	326.2	18.5	10.1	-14.0	305.3	307.6	0.5	29.4	8.8	163.
17.4	59.4	5235.5	500.0	-19.2	-32.6	323.6	17.4	10.4	-14.0	307.2	309.4	0.3	30.7	10.0	161.
18.7	62.5	5596.6	475.0	-21.8	-34.4	323.6	18.5	10.2	-15.4	309.2	310.2	0.3	30.7	11.4	158.
20.1	65.8	5971.9	450.0	-24.8	-36.9	326.5	21.0	10.3	-18.3	311.5	312.7	0.2	30.7	13.1	157.
21.6	69.1	6393.3	425.0	-27.1	-39.1	330.7	22.1	10.9	-19.2	312.1	312.7	0.2	29.0	15.2	156.
23.2	72.5	6773.6	400.0	-29.3	-41.9	326.1	21.6	12.0	-17.9	313.6	314.0	0.1	29.0	17.3	154.
24.7	75.8	7203.4	375.0	-33.0	-44.9	327.1	23.2	11.7	-18.1	315.0	315.9	0.1	99.9	19.3	154.
26.4	79.6	7654.5	350.0	-36.3	-47.7	327.1	23.2	10.8	-20.5	315.8	315.9	0.1	99.9	21.7	154.
28.2	83.3	8128.6	325.0	-39.9	-49.9	331.7	22.6	10.7	-19.9	317.3	317.3	0.1	99.9	24.1	154.
30.0	87.2	8631.1	300.0	-44.2	-49.9	331.8	22.4	10.6	-19.7	318.8	318.8	0.1	99.9	27.1	154.
32.2	91.2	9183.2	275.0	-48.3	-49.9	325.6	22.1	13.0	-18.1	320.0	320.0	0.1	99.9	29.9	152.
34.3	95.5	9730.0	250.0	-52.8	-49.9	325.6	22.3	14.1	-18.5	320.0	320.0	0.1	99.9	32.8	152.
36.4	99.8	10338.5	225.0	-57.9	-49.9	318.1	18.9	14.1	-14.1	326.3	326.3	0.1	99.9	35.8	152.
38.7	104.6	10986.5	200.0	-60.2	-49.9	318.1	21.3	17.9	-11.5	337.1	337.1	0.1	99.9	38.3	150.
41.3	109.6	11731.9	175.0	-60.4	-49.9	302.7	23.8	21.2	-10.9	356.1	356.1	0.1	99.9	42.0	147.
44.1	115.0	12569.7	150.0	-56.8	-49.9	297.2	27.9	25.1	-12.2	374.8	374.8	0.1	99.9	46.5	144.
47.5	121.7	13550.2	125.0	-56.3	-49.9	295.8	27.1	23.8	-13.0	393.0	393.0	0.1	99.9	52.7	140.
51.7	127.7	14710.6	100.0	-56.3	-49.9	298.4	22.5	19.6	-11.0	420.9	420.9	0.1	99.9	59.5	138.
56.5	135.3	16131.2	75.0	-55.3	-49.9	297.1	15.5	13.6	-7.1	458.3	458.3	0.1	99.9	66.0	136.
63.0	144.3	17864.7	50.0	-55.7	-49.9	297.1	9.7	7.4	-4.5	522.5	522.5	0.1	99.9	73.3	134.
71.4	154.5	20564.8	25.0	-51.4	-49.9	297.1	2.4	-2.4	-0.0	632.2	632.2	0.1	99.9	74.4	134.
84.3	166.0	25449.8	25.0	-53.0	-49.9	89.7	2.4	-2.4	-0.0	632.2	632.2	0.1	99.9	74.4	134.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS  
28 MARCH 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0	5.6	200.0	1009.0	-0.6	-9.0	90.0	2.6	-2.6	0.0	271.9	276.9	1.8	53.0	0.0	0.
0.2	6.4	271.8	1000.0	0.1	-9.9	93.8	5.0	-4.9	0.3	273.2	278.0	1.8	47.0	0.0	270.
0.8	8.8	474.1	975.0	-1.5	-10.8	90.3	5.3	-5.3	0.0	273.6	278.2	1.7	49.1	0.3	272.
1.6	11.2	890.5	950.0	-3.5	-11.1	88.1	4.7	-4.7	-0.1	273.7	278.3	1.7	55.2	0.5	270.
2.3	13.5	890.5	945.0	-5.2	-12.6	108.1	2.7	-2.6	0.8	274.0	278.2	1.6	58.0	0.6	271.
3.0	16.0	1105.0	900.0	-8.9	-13.5	110.5	1.2	-0.9	0.2	274.4	278.4	1.5	58.4	0.7	274.
3.8	18.4	1324.5	875.0	-8.0	-13.5	110.5	0.4	-0.4	-1.1	275.5	278.4	0.7	58.1	0.7	274.
4.4	20.9	1549.2	850.0	-9.0	-13.5	36.6	2.3	-1.0	-2.9	276.8	278.1	0.4	19.4	0.8	274.
5.2	23.4	1780.2	825.0	-8.2	-13.5	30.7	3.4	-1.7	-4.0	282.4	280.1	0.5	20.2	0.8	268.
6.1	25.9	2018.3	800.0	-8.2	-13.5	18.0	4.2	-1.3	-5.4	287.8	283.6	0.5	17.5	0.9	250.
6.9	28.4	2265.7	775.0	-5.9	-13.5	18.0	5.4	-0.2	-6.4	290.2	288.9	0.5	17.5	1.0	240.
7.7	31.0	2522.3	750.0	-5.9	-13.5	34.7	6.6	1.5	-7.4	292.8	291.6	0.6	17.4	1.3	229.
8.5	33.6	2787.7	725.0	-5.9	-13.5	34.7	8.1	3.0	-8.4	294.4	294.6	0.6	17.4	1.4	218.
9.3	36.2	3061.7	700.0	-7.3	-13.5	338.0	9.5	4.0	-9.6	296.0	297.7	0.6	18.2	1.7	202.
10.2	38.9	3344.3	675.0	-8.7	-13.5	335.3	10.6	3.7	-10.6	298.2	300.7	0.6	18.4	2.2	190.
11.2	41.6	3636.6	650.0	-9.6	-13.5	339.2	11.2	2.3	-11.2	299.7	302.1	0.8	28.4	2.8	184.
12.2	44.3	3938.7	625.0	-11.2	-13.5	350.8	12.3	2.0	-12.2	301.9	304.0	0.7	28.7	3.6	181.
13.3	47.0	4251.3	600.0	-12.3	-13.5	358.9	13.0	4.7	-12.2	303.2	305.2	0.6	27.8	4.2	179.
14.4	49.9	4575.3	575.0	-14.3	-13.5	337.9	14.2	7.6	-12.0	304.3	306.1	0.5	28.3	5.2	174.
15.5	52.8	4910.9	550.0	-16.7	-13.5	328.4	15.6	8.2	-13.3	305.5	307.1	0.5	30.1	6.1	170.
16.6	55.8	5259.1	525.0	-19.1	-13.5	328.4	16.7	7.9	-14.8	306.7	307.1	0.4	30.3	7.3	166.
17.9	58.8	5620.6	500.0	-21.6	-13.5	328.4	18.7	9.1	-15.5	308.5	308.7	0.3	28.8	8.7	164.
19.3	61.8	5986.7	475.0	-23.6	-13.5	329.5	18.0	9.1	-14.8	309.8	310.7	0.2	25.8	10.7	161.
20.8	64.9	6389.5	450.0	-26.6	-13.5	324.6	18.2	10.6	-14.5	311.6	312.3	0.2	25.4	11.7	159.
22.2	68.0	6800.3	425.0	-29.2	-13.5	324.6	17.8	10.3	-14.2	313.1	313.7	0.2	24.3	13.4	156.
23.7	71.3	7231.0	400.0	-32.2	-13.5	327.6	19.2	11.3	-14.0	314.1	314.5	0.1	23.5	15.0	153.
25.4	74.7	7682.9	375.0	-35.9	-13.5	321.1	18.0	11.2	-12.9	315.7	315.7	0.1	23.5	17.9	151.
27.1	78.1	8158.2	350.0	-40.1	-13.5	318.0	16.2	11.3	-11.6	317.3	317.3	0.1	23.5	20.8	148.
29.1	81.9	8659.4	325.0	-44.3	-13.5	308.9	16.6	12.6	-10.4	318.0	318.0	0.1	23.5	22.8	146.
31.1	85.5	9181.3	300.0	-48.3	-13.5	304.0	15.0	13.2	-8.9	321.3	321.3	0.1	23.5	26.6	144.
33.4	89.4	9758.2	275.0	-53.4	-13.5	300.2	13.7	13.7	-8.0	325.9	325.9	0.1	23.5	29.0	142.
35.6	93.5	10387.2	250.0	-57.0	-13.5	298.5	12.1	16.1	-8.7	335.1	335.1	0.1	23.5	32.5	139.
37.7	97.8	11029.0	225.0	-61.7	-13.5	297.7	18.3	17.4	-10.3	357.0	357.0	0.1	23.5	37.5	136.
40.2	102.4	11759.1	200.0	-66.4	-13.5	295.5	23.8	21.5	-10.3	373.0	373.0	0.1	23.5	43.5	134.
43.2	107.4	12598.6	175.0	-55.9	-13.5	302.5	23.8	20.8	-10.3	395.4	395.4	0.1	23.5	50.2	131.
46.6	112.7	13575.3	150.0	-56.4	-13.5	298.8	23.5	19.5	-10.1	419.9	419.9	0.1	23.5	57.7	129.
51.0	118.5	14734.4	125.0	-55.0	-13.5	297.4	21.9	14.1	-7.7	454.5	454.5	0.1	23.5	63.7	129.
56.1	125.0	16155.5	100.0	-55.8	-13.5	292.8	16.1	7.6	-7.2	516.8	516.8	0.1	23.5	84.5	129.
62.5	132.7	17982.7	75.0	-53.8	-13.5	292.8	4.6	-3.3	-3.3	629.9	629.9	0.1	23.5		
70.6	141.5	20570.0	50.0	-53.8	-13.5	134.7									
83.5	152.0	25033.2	25.0	-53.8	-13.5										

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS  
28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	200.0	1009.6	-2.2	-8.3	100.0	2.6	-2.6	0.5	270.2	275.5	2.0	63.0	0.0	0
0.3	7.6	276.2	1000.0	-1.4	-9.7	122.6	5.0	-4.2	2.7	271.8	276.6	1.8	53.0	0.2	305
1.0	10.0	477.6	975.0	-2.4	-10.5	126.4	5.4	-4.4	3.2	272.8	277.4	1.8	53.3	0.3	304
1.6	12.5	683.2	950.0	-4.3	-10.7	139.2	4.2	-2.7	3.2	272.9	277.6	1.8	60.8	0.5	304
2.4	15.0	892.8	925.0	-5.7	-11.7	159.5	2.3	-0.8	2.1	273.5	278.0	1.7	62.3	0.7	313
3.1	17.5	1107.0	900.0	-7.0	-15.1	82.3	0.7	-0.7	-0.1	274.3	277.9	1.3	52.5	0.7	314
3.9	20.1	1326.5	875.0	-7.2	-17.8	3.3	1.2	-0.1	-0.3	276.3	277.8	0.4	17.3	0.7	312
4.7	22.8	1552.2	850.0	-7.6	-20.2	65.6	0.7	-0.7	-0.3	278.2	279.5	0.4	17.3	0.6	308
5.5	25.2	1784.8	825.0	-6.7	-28.0	211.7	1.2	0.6	1.0	281.5	282.9	0.5	16.4	0.7	312
6.2	27.8	2025.1	800.0	-6.6	-28.1	225.6	1.5	1.1	1.1	284.1	285.5	0.5	16.2	0.7	316
7.1	30.3	2273.2	775.0	-6.4	-27.9	259.1	1.0	1.0	1.2	286.9	288.4	0.5	16.2	0.7	324
7.9	33.0	2529.2	750.0	-8.6	-28.0	334.8	2.1	0.5	-2.0	289.4	291.0	0.5	16.2	0.5	318
8.8	35.7	2793.3	725.0	-8.9	-28.2	334.8	3.9	1.6	-3.5	291.9	293.5	0.5	16.4	0.5	318
9.7	38.3	3067.5	700.0	-7.2	-28.3	322.0	4.7	2.9	-3.7	294.5	296.2	0.5	16.6	0.5	318
10.6	41.1	3350.9	675.0	-7.2	-28.3	322.0	6.4	3.7	-7.5	297.6	300.1	0.8	16.6	0.8	150
11.7	43.9	3644.3	650.0	-6.7	-28.4	322.6	10.6	6.3	-8.5	299.1	301.7	0.7	26.2	1.4	150
12.8	46.7	3948.8	625.0	-11.0	-28.6	327.6	9.1	4.9	-8.7	301.4	303.4	0.6	26.2	1.9	151
13.8	49.5	4259.4	600.0	-12.7	-28.1	336.5	9.4	3.8	-8.7	301.4	303.4	0.6	26.2	1.9	151
14.8	52.4	4582.7	575.0	-15.2	-30.0	331.4	11.0	5.2	-9.6	302.3	304.0	0.5	28.7	2.6	152
15.9	55.4	4917.2	550.0	-17.5	-31.4	324.2	11.8	6.9	-9.5	303.3	304.9	0.5	28.4	3.3	151
16.9	58.4	5264.7	525.0	-19.7	-33.8	319.9	11.9	7.6	-9.1	304.7	306.1	0.4	27.2	4.1	149
18.3	61.4	5624.7	500.0	-22.1	-36.1	319.4	12.0	7.8	-9.1	306.2	307.3	0.3	26.5	5.0	147
19.7	64.5	6000.3	475.0	-24.2	-38.3	319.3	14.0	9.2	-10.6	308.0	309.0	0.3	25.7	6.1	146
20.9	67.6	6393.2	450.0	-26.1	-42.3	313.3	15.6	11.4	-10.7	310.5	311.2	0.2	25.9	7.2	145
22.5	71.0	6803.7	425.0	-28.1	-45.4	308.0	16.0	13.0	-9.4	311.1	311.7	0.2	25.9	8.6	142
24.0	74.4	7233.6	400.0	-29.6	-48.5	300.0	16.0	13.7	-9.4	312.0	312.4	0.1	20.3	10.0	139
25.7	77.9	7683.7	375.0	-33.1	-51.3	298.4	15.8	14.3	-7.7	312.9	313.2	0.1	20.3	11.5	136
27.4	81.4	8157.6	350.0	-36.8	-54.4	296.6	16.5	14.7	-7.4	314.0	315.5	99.9	99.9	13.1	134
29.3	85.2	8657.9	325.0	-40.6	-57.9	295.9	16.5	14.0	-6.8	315.5	316.7	99.9	99.9	14.8	132
31.4	89.2	9188.8	300.0	-44.4	-61.4	293.2	17.2	14.9	-6.4	316.7	317.8	99.9	99.9	16.3	130
33.6	93.3	9754.5	275.0	-48.7	-65.0	291.6	18.2	15.0	-6.3	317.8	318.9	99.9	99.9	18.9	128
35.9	97.5	10361.2	250.0	-52.4	-68.0	293.7	16.6	15.2	-6.6	319.8	320.9	99.9	99.9	21.1	126
38.3	102.0	11019.5	225.0	-56.0	-71.8	303.7	15.5	15.2	-6.6	322.8	323.8	99.9	99.9	23.5	125
41.0	107.0	11745.0	200.0	-61.8	-75.9	294.2	17.8	16.2	-7.3	323.8	324.8	99.9	99.9	25.9	123
44.1	112.2	12582.3	175.0	-67.6	-79.9	294.7	22.1	19.4	-9.1	324.8	325.8	99.9	99.9	29.7	122
47.9	118.0	13560.2	150.0	-57.8	-79.9	295.2	21.4	19.4	-9.1	325.8	326.8	99.9	99.9	34.7	122
52.1	124.2	14718.2	125.0	-57.8	-79.9	291.0	22.2	20.6	-9.7	326.8	327.8	99.9	99.9	39.9	121
57.3	131.7	16133.7	100.0	-56.9	-79.9	295.8	22.2	20.6	-9.7	327.8	328.8	99.9	99.9	46.8	120
63.2	140.0	17955.5	75.0	-56.9	-79.9	297.2	14.5	12.9	-6.6	328.8	329.8	99.9	99.9	53.3	119
71.3	149.5	20540.4	50.0	-56.9	-79.9	297.2	6.1	6.0	-0.8	329.8	330.8	99.9	99.9	58.1	120
84.0	160.0	24992.4	25.0	-52.3	-99.9	309.6	4.0	3.1	-2.6	334.3	335.3	99.9	99.9	59.4	119

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\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS

28 MARCH 1992  
1100 GMT

166 9. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.1	200.0	1009.0	-3.3	-7.1	170.0	3.0	-0.6	3.5	269.2	274.9	2.2	75.0	0.0	0.0
0.3	7.0	270.9	1000.0	-3.1	-5.9	999.9	99.9	99.9	99.9	270.0	276.3	2.5	81.0	999.9	999.9
1.0	9.5	471.4	975.0	-3.8	-7.9	999.9	99.9	99.9	99.9	271.3	276.9	2.2	73.3	999.9	999.9
1.5	12.0	876.0	950.0	-5.0	-10.7	999.9	99.9	99.9	99.9	272.1	276.9	1.6	64.2	999.9	999.9
2.3	14.6	885.5	925.0	-5.8	-14.4	138.0	5.1	-2.6	4.4	273.4	277.1	1.4	50.8	1.2	344.
3.1	17.1	1109.4	900.0	-5.0	-21.0	149.4	5.1	-2.6	4.4	278.6	278.6	0.8	27.0	1.4	337.
3.8	19.7	1321.8	875.0	-5.3	-20.8	242.0	4.7	1.8	4.3	278.2	280.6	0.8	28.2	1.6	339.
4.6	22.3	1549.0	850.0	-5.8	-21.7	242.0	5.6	4.9	2.6	280.1	282.4	0.8	27.0	1.7	348.
5.5	24.9	1782.8	825.0	-5.6	-22.0	254.2	3.2	3.1	0.9	285.2	285.0	0.8	26.0	1.8	355.
6.3	27.6	2024.3	800.0	-5.6	-22.0	268.3	3.7	3.7	0.2	285.2	287.6	0.8	26.0	1.8	360.
7.2	30.2	2273.1	775.0	-5.5	-22.3	263.4	4.5	4.5	-0.9	287.9	290.3	0.9	25.1	1.9	37.
8.1	32.9	2530.4	750.0	-5.3	-21.9	279.8	5.0	5.0	-0.9	290.9	293.5	0.9	25.6	1.9	14.
9.0	35.7	2796.8	725.0	-5.0	-21.9	289.8	5.6	5.3	-1.8	294.0	296.8	0.9	25.6	1.9	24.
10.1	38.4	3072.3	700.0	-5.4	-21.9	285.8	5.1	4.9	-1.4	298.5	299.4	0.9	25.8	1.9	34.
11.0	41.3	3357.0	675.0	-7.1	-20.6	281.2	4.2	4.1	-0.8	297.7	301.0	1.0	33.0	2.0	41.
12.0	44.1	3649.9	650.0	-8.9	-21.6	281.2	4.0	4.0	-0.8	298.9	302.0	1.0	34.5	2.2	52.
13.1	47.0	3952.3	625.0	-11.0	-23.6	275.4	4.5	4.4	-0.4	300.8	303.3	0.8	35.3	2.6	57.
14.3	50.0	4264.5	600.0	-13.3	-25.3	272.3	4.4	4.4	-0.2	301.5	303.6	0.7	33.9	3.2	61.
15.5	53.0	4586.9	575.0	-15.8	-28.1	262.1	5.2	5.1	-1.1	302.9	304.8	0.6	33.5	3.8	73.
16.7	56.0	4920.9	550.0	-17.8	-29.9	265.4	8.1	7.8	-2.1	304.5	306.2	0.5	33.2	4.3	80.
17.9	59.0	5267.5	525.0	-19.9	-31.7	269.4	9.3	9.1	-3.2	305.8	307.7	0.4	33.2	5.1	86.
19.4	62.1	5627.7	500.0	-22.4	-34.1	268.9	9.3	8.1	-4.5	307.9	309.1	0.3	30.4	6.1	91.
20.7	65.4	6003.3	475.0	-24.3	-36.7	294.1	11.2	10.2	-4.7	309.2	310.2	0.3	30.4	7.2	94.
22.3	68.7	6395.0	450.0	-27.1	-39.2	291.6	12.9	12.0	-4.0	310.4	311.2	0.2	31.4	8.9	95.
23.8	72.1	6804.4	425.0	-30.2	-41.6	285.5	14.9	14.3	-2.3	311.3	311.9	0.2	31.8	10.7	96.
25.5	75.6	7233.1	400.0	-33.6	-44.6	278.1	16.4	16.2	-2.9	312.1	312.6	0.1	31.8	12.5	97.
27.3	79.1	7682.1	375.0	-37.4	-48.0	280.2	16.7	16.4	-3.4	312.6	312.6	99.9	999.9	14.2	98.
29.2	82.9	8154.1	350.0	-41.6	99.9	282.7	15.3	14.9	-3.0	313.3	313.3	99.9	999.9	15.6	99.
31.2	86.8	8652.3	325.0	-46.0	99.9	283.1	13.2	12.9	-3.4	315.6	315.6	99.9	999.9	17.5	100.
33.3	90.8	9180.8	300.0	-49.5	99.9	287.5	8.8	8.4	-3.0	318.3	318.3	99.9	999.9	18.5	101.
35.3	95.0	9748.1	275.0	-53.1	99.9	297.9	7.3	6.4	-3.4	321.8	321.8	99.9	999.9	20.7	103.
37.7	99.4	10355.1	250.0	-56.7	99.9	299.2	7.1	6.0	-4.6	324.8	324.8	99.9	999.9	24.3	103.
40.2	104.2	11015.9	225.0	-61.1	99.9	299.2	9.5	8.3	-4.9	334.9	334.9	99.9	999.9	28.5	104.
43.1	109.4	11745.5	200.0	-61.8	99.9	299.2	15.4	14.6	-6.4	356.1	356.1	99.9	999.9	33.7	105.
46.5	114.8	12586.5	175.0	-56.8	99.9	290.0	18.8	18.5	-5.8	371.1	371.1	99.9	999.9	40.7	106.
50.3	121.0	13562.2	150.0	-57.5	99.9	287.4	19.4	19.6	-7.0	392.3	392.3	99.9	999.9	48.3	107.
54.7	127.7	14718.3	125.0	-58.7	99.9	289.6	20.8	19.6	-8.1	418.6	418.6	99.9	999.9	54.1	108.
60.1	135.3	16135.0	100.0	-58.5	99.9	292.5	21.2	19.6	-8.1	455.9	455.9	99.9	999.9	56.0	109.
66.7	144.3	17981.3	75.0	-55.8	99.9	293.2	17.0	15.6	-8.8	516.5	516.5	99.9	999.9		
75.3	154.3	20552.7	50.0	-53.9	99.9	312.2	7.1	5.3	-4.8	634.8	634.8	99.9	999.9		
87.4	184.7	25038.1	25.0	-52.3	99.9	316.8	4.4	3.0	-3.2						

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEBRASKA

27 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	400.0	979.6	-2.6	-7.1	100.0	5.2	-5.1	0.9	272.2	278.1	2.3	71.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.2	437.4	975.0	-3.0	-7.6	99.9	99.9	99.9	99.9	272.1	277.9	2.2	70.5	99.9	99.9
1.0	12.0	642.3	950.0	-5.1	-7.8	99.9	99.9	99.9	99.9	272.0	277.8	2.2	81.1	99.9	99.9
1.8	17.4	851.7	920.0	-5.5	-10.8	99.9	99.9	99.9	99.9	273.7	278.6	1.8	66.6	99.9	99.9
2.6	14.7	1068.0	900.0	-2.9	-9.9	99.9	99.9	99.9	99.9	278.5	283.9	2.0	58.4	99.9	99.9
3.5	20.2	1291.0	875.0	-3.7	-10.6	99.9	99.9	99.9	99.9	280.0	285.6	2.1	62.5	99.9	99.9
4.3	23.0	1519.8	850.0	-5.1	-11.6	99.9	99.9	99.9	99.9	280.8	286.3	2.0	65.4	99.9	99.9
5.1	25.8	1753.6	825.0	-6.3	-11.6	99.9	99.9	99.9	99.9	282.0	287.2	1.9	65.8	99.9	99.9
5.9	28.7	1994.0	800.0	-7.8	-10.6	99.9	99.9	99.9	99.9	283.1	289.0	2.1	78.9	99.9	99.9
6.8	31.6	2240.7	775.0	-8.9	-10.8	99.9	99.9	99.9	99.9	284.5	291.2	2.4	92.7	99.9	99.9
7.8	34.5	2494.7	750.0	-8.9	-10.8	99.9	99.9	99.9	99.9	285.8	291.2	2.2	93.2	99.9	99.9
8.6	37.4	2755.2	725.0	-12.3	-13.0	4.9	4.3	-0.4	-4.3	286.0	291.4	1.9	94.1	1.7	325.
9.6	40.4	3023.6	700.0	-11.0	-19.4	2.1	5.5	-0.4	-5.5	290.3	291.4	1.2	94.1	1.5	320.
10.9	43.4	3306.0	675.0	-8.7	-31.7	350.2	6.2	1.1	-5.1	298.2	303.9	1.0	53.1	1.3	311.
11.9	46.5	3600.2	650.0	-7.8	-22.3	342.4	6.0	1.8	-5.7	300.2	303.2	1.0	29.1	1.1	293.
13.1	49.8	3903.8	625.0	-10.0	-23.7	347.3	6.2	1.4	-5.1	301.0	303.8	0.9	30.1	0.9	274.
14.3	52.8	4217.1	600.0	-12.5	-24.0	359.4	6.6	0.1	-6.6	301.7	304.5	0.9	31.6	0.8	245.
15.5	56.0	4540.8	575.0	-14.5	-25.6	359.6	6.9	0.0	-6.9	303.0	305.6	0.8	37.2	1.1	222.
16.8	59.3	4878.3	550.0	-16.6	-27.6	352.9	8.3	1.0	-8.3	304.4	305.7	0.7	37.8	2.0	200.
18.1	62.6	5224.8	525.0	-18.8	-30.1	343.3	8.0	2.3	-7.7	305.8	307.6	0.6	36.0	2.6	192.
19.6	66.0	5586.4	500.0	-21.3	-32.5	345.3	8.1	2.0	-7.8	307.1	308.7	0.5	35.4	3.2	188.
21.0	69.4	5963.3	475.0	-23.6	-34.9	357.6	9.6	0.4	-8.6	308.8	310.1	0.4	34.3	3.9	183.
22.4	73.0	6358.5	450.0	-26.1	-37.3	358.8	11.3	0.2	-11.3	310.4	311.6	0.3	33.9	4.8	181.
23.9	76.8	6768.1	425.0	-28.9	-39.9	349.8	10.3	1.8	-10.2	312.0	312.9	0.3	33.4	5.8	178.
25.6	80.3	7198.8	400.0	-32.3	-43.0	335.8	10.3	4.2	-9.4	313.1	313.8	0.2	33.2	7.7	175.
27.3	84.2	7650.5	375.0	-35.7	-46.1	337.1	9.7	3.8	-8.9	314.3	314.9	0.2	33.2	8.7	174.
29.1	88.2	8125.8	350.0	-40.1	-48.9	334.1	9.4	4.1	-8.5	315.9	315.9	0.2	33.2	9.7	174.
31.0	92.3	8627.7	325.0	-44.1	-51.9	320.5	11.2	7.1	-8.7	315.9	315.9	0.2	33.2	11.0	165.
33.0	96.6	9160.7	300.0	-47.4	-54.9	303.2	17.4	14.6	-9.5	318.5	318.5	0.2	33.2	13.0	157.
35.2	101.0	9730.2	275.0	-52.0	-57.9	302.3	20.3	17.2	-10.9	319.9	319.9	0.2	33.2	15.4	151.
37.4	105.7	10340.5	250.0	-57.2	-59.9	298.1	21.7	19.2	-10.2	321.0	321.0	0.2	33.2	18.2	145.
39.9	110.6	10999.5	225.0	-62.3	-62.9	295.9	22.7	20.4	-9.9	323.1	323.1	0.2	33.2	21.5	141.
42.5	115.8	11728.6	200.0	-60.9	-60.9	302.3	23.3	19.7	-12.5	326.3	326.3	0.2	33.2	25.6	137.
45.7	121.5	12561.9	175.0	-58.0	-59.9	298.7	23.0	20.2	-11.1	354.3	354.3	0.2	33.2	30.5	135.
49.1	127.5	13540.8	150.0	-58.2	-59.9	301.2	24.5	20.9	-12.7	373.3	373.3	0.2	33.2	35.7	132.
53.5	134.3	14703.0	125.0	-55.2	-59.9	302.8	24.3	20.4	-13.1	395.1	395.1	0.2	33.2	42.9	131.
58.4	141.7	16120.7	100.0	-56.2	-59.9	302.4	19.3	16.3	-10.3	419.2	419.2	0.2	33.2	49.2	129.
64.4	150.0	17952.3	75.0	-57.3	-59.9	300.0	18.1	13.9	-8.0	452.9	452.9	0.2	33.2	55.9	129.
72.8	159.7	20548.3	50.0	-52.9	-59.9	333.1	9.8	4.4	-8.0	518.9	518.9	0.2	33.2	58.1	130.
85.0	169.5	25036.4	25.0	-31.3	-59.9	75.0	3.1	-3.0	-0.8	637.3	637.3	0.2	33.2	58.1	130.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEBRASKA  
27 MARCH 1982  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.0	400.0	979.0	7.1	-0.8	160.0	4.1	-1.4	3.9	282.0	291.7	3.7	57.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	9.5	433.7	975.0	6.6	-4.9	182.9	4.4	-1.3	4.2	281.8	289.4	2.8	44.8	0.1	317.
0.9	12.3	645.9	950.0	4.1	-8.4	157.2	5.3	-2.1	4.9	281.4	287.2	2.1	38.5	0.3	337.
1.7	15.1	861.9	925.0	2.0	-8.2	150.5	6.5	-3.2	5.7	281.4	287.4	2.2	46.5	0.6	334.
2.6	17.8	1082.1	900.0	-0.2	-8.6	155.7	6.5	-2.7	6.0	281.3	287.3	2.2	52.8	1.0	333.
3.6	20.6	1306.7	875.0	-2.5	-8.5	189.0	6.2	-1.2	6.1	281.2	287.4	2.2	63.0	1.3	335.
4.5	23.3	1536.0	850.0	-4.5	-8.6	178.2	6.8	-0.2	6.8	281.4	287.3	2.2	67.5	1.7	339.
5.4	26.1	1770.8	825.0	-5.2	-11.0	187.8	6.1	0.8	6.0	283.1	288.8	2.0	83.6	2.0	344.
6.2	28.7	2011.8	800.0	-7.2	-11.3	189.8	5.4	0.9	5.3	283.5	289.1	2.0	72.4	2.2	347.
7.1	31.8	2258.5	775.0	-8.7	-13.2	196.2	5.1	1.4	4.9	284.5	289.4	1.8	69.7	2.5	349.
7.9	34.3	2513.1	750.0	-7.3	-13.9	198.9	7.2	2.3	6.8	288.7	290.4	0.6	19.0	2.7	352.
8.7	37.1	2778.4	725.0	-5.6	-16.1	215.5	7.3	4.2	5.9	293.3	295.3	0.6	18.0	3.1	356.
9.7	40.0	3053.2	700.0	-6.0	-16.8	223.8	5.1	3.5	3.7	295.8	297.8	0.6	17.7	3.2	356.
10.6	42.9	3338.2	675.0	-6.4	-16.7	226.0	3.4	2.4	3.7	298.5	300.5	0.6	18.0	3.5	356.
11.6	45.9	3632.6	650.0	-7.7	-14.8	217.1	3.2	1.9	2.5	300.3	302.7	0.8	23.7	3.8	356.
12.5	48.8	3938.6	625.0	-9.8	-14.3	201.5	2.9	1.1	2.7	301.2	303.9	0.9	29.4	4.0	356.
13.6	51.9	4250.1	600.0	-12.2	-15.7	233.8	1.7	1.4	1.0	302.0	304.5	0.8	31.1	4.0	356.
14.9	55.0	4574.6	575.0	-13.8	-17.7	282.7	1.7	1.7	-0.4	303.8	306.0	0.7	29.6	4.0	356.
16.0	58.1	4910.9	550.0	-16.0	-20.0	272.2	3.1	3.1	0.2	305.2	307.0	0.5	28.5	4.0	356.
17.3	61.4	5260.1	525.0	-18.2	-32.8	278.7	4.0	4.0	-0.2	306.6	308.1	0.4	25.1	4.1	356.
18.5	64.8	5622.8	500.0	-20.7	-35.4	269.1	4.4	4.4	0.1	307.9	309.1	0.3	24.5	4.2	356.
19.9	68.0	5999.9	475.0	-23.5	-38.0	248.5	5.5	5.2	2.0	310.6	311.4	0.2	23.2	4.4	356.
21.2	71.4	6393.6	450.0	-26.0	-40.8	243.1	7.5	6.7	3.4	311.3	312.0	0.2	23.0	4.5	356.
22.6	74.9	6804.6	425.0	-29.4	-43.8	234.0	8.0	6.5	4.7	312.4	313.3	0.1	22.7	4.6	356.
24.1	78.4	7234.5	400.0	-32.8	-46.8	244.4	6.8	6.1	2.9	313.0	315.2	0.1	22.9	4.7	356.
25.7	82.1	7685.3	375.0	-36.8	-50.2	282.3	6.3	6.1	-1.3	314.9	315.2	0.1	24.8	4.8	356.
27.3	86.0	8159.9	350.0	-39.9	-52.4	299.7	6.9	6.0	-3.4	315.9	315.9	0.1	24.8	4.8	356.
29.1	90.0	8681.9	325.0	-44.1	-59.9	299.0	11.1	9.7	-5.4	317.6	317.6	99.9	99.9	7.2	55.
31.2	94.2	9194.2	300.0	-48.1	-67.7	293.8	13.6	13.4	-5.5	319.4	319.4	99.9	99.9	8.0	64.
33.4	98.3	9762.5	275.0	-52.3	-69.9	293.8	14.6	13.4	-5.9	320.3	320.3	99.9	99.9	9.4	73.
35.4	102.8	10371.5	250.0	-57.7	-71.5	297.8	13.1	11.6	-6.1	324.3	324.3	99.9	99.9	10.9	80.
37.9	107.6	11028.8	225.0	-61.5	-79.9	294.0	13.5	12.4	-5.9	328.5	328.5	99.9	99.9	12.8	86.
40.6	112.6	11766.0	200.0	-59.3	-86.8	286.7	17.1	16.4	-4.9	336.5	336.5	99.9	99.9	15.4	90.
43.8	118.0	12608.9	175.0	-56.6	-99.9	292.5	18.3	18.2	-7.0	374.6	374.6	99.9	99.9	19.2	94.
47.3	123.7	13589.8	150.0	-55.5	-99.9	290.5	19.4	18.2	-6.8	394.3	394.3	99.9	99.9	23.9	97.
51.8	130.2	14750.7	125.0	-55.6	-99.9	293.7	17.9	16.4	-7.2	421.4	421.4	99.9	99.9	29.5	100.
56.9	137.2	16174.9	100.0	-55.0	-99.9	296.9	14.4	12.8	-6.5	456.1	456.1	99.9	99.9	35.6	103.
63.3	145.0	18002.4	75.0	-55.7	-99.9	99.9	99.9	99.9	99.9	518.0	518.0	99.9	99.9	41.8	104.
71.8	153.3	20594.2	50.0	-53.3	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553 OMAHA, NEBRASKA															
28 MARCH 1982															
1105 GMT															
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES															
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	400.0	977.1	-0.6	-5.8	170.0	5.2	-0.9	5.1	274.4	281.0	2.5	68.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	10.1	417.2	975.0	-0.7	-6.9	287.5	0.8	0.7	-0.2	274.5	280.6	2.3	62.7	0.4	353
0.8	12.5	624.6	950.0	-1.0	-8.5	208.4	8.2	2.9	5.4	276.1	281.8	2.1	58.7	0.4	355
1.5	15.0	837.7	925.0	-0.5	-9.8	193.1	18.9	4.3	18.4	279.3	286.6	2.0	47.6	0.9	2.2
2.3	17.5	1057.1	900.0	-0.5	-9.5	204.2	18.4	7.5	18.8	281.0	286.6	2.1	50.5	1.9	10.0
3.0	20.1	1281.8	875.0	-1.9	-9.2	213.1	14.8	8.1	12.4	281.9	287.8	2.2	57.0	2.6	16.0
3.9	22.6	1511.8	850.0	-3.7	-8.4	212.5	14.8	7.9	12.4	282.3	288.7	2.4	69.8	3.3	20.0
4.8	25.2	1747.0	825.0	-4.9	-8.5	211.0	14.0	7.2	12.0	283.4	290.0	2.4	75.8	4.1	22.0
5.6	27.8	1988.6	800.0	-6.3	-7.6	210.1	13.5	6.8	11.7	284.5	291.8	2.7	90.6	4.8	24.0
6.5	30.4	2236.3	775.0	-7.5	-8.1	202.0	12.9	4.8	11.9	285.8	293.1	3.0	95.4	5.5	24.0
7.5	33.1	2493.0	750.0	-5.3	-7.2	191.7	12.5	2.5	12.2	290.8	299.1	3.0	86.1	5.2	23.0
8.4	35.8	2760.7	725.0	-5.3	-7.3	200.5	15.1	5.3	14.2	295.4	304.1	3.1	78.1	5.9	22.0
9.3	38.4	3037.4	700.0	-5.5	-8.0	199.7	14.9	5.0	14.0	296.4	304.9	3.2	82.7	6.7	22.0
10.4	41.2	3322.3	675.0	-6.5	-12.3	192.9	14.1	3.2	13.8	298.3	304.5	2.2	63.8	8.7	22.0
11.5	44.0	3616.5	650.0	-8.1	-17.0	190.7	14.8	2.7	14.6	299.8	304.5	1.3	44.7	10.6	20.0
12.7	46.9	3920.6	625.0	-9.3	-17.0	190.9	14.2	2.7	14.0	301.8	305.9	1.3	59.0	11.6	19.0
13.8	49.8	4235.5	600.0	-10.8	-17.3	192.6	12.6	2.8	10.8	303.6	308.6	1.1	51.2	12.4	19.0
15.0	52.7	4561.7	575.0	-12.8	-20.8	202.4	11.7	2.4	9.3	305.0	308.9	1.1	52.8	13.2	21.0
16.1	55.6	4899.3	550.0	-15.2	-22.7	215.5	11.4	6.6	5.3	306.0	309.5	1.1	65.6	13.9	21.0
17.4	58.6	5248.3	525.0	-18.3	-23.1	227.8	7.9	5.9	3.6	306.5	310.0	0.8	51.9	14.3	22.0
18.8	61.8	5611.8	500.0	-20.5	-27.8	235.0	6.3	5.1	3.6	308.1	310.6	0.5	38.3	15.4	22.0
20.1	64.9	5989.8	475.0	-22.7	-33.0	232.7	8.3	6.6	5.0	309.9	311.4	0.4	21.4	15.8	24.0
21.5	68.1	6383.7	450.0	-26.4	-35.8	247.4	6.9	6.3	2.5	310.1	312.3	0.2	17.7	16.3	27.0
23.0	71.4	6794.5	425.0	-28.6	-44.0	249.0	8.2	7.4	3.8	314.3	314.8	0.1	23.0	17.1	29.0
24.5	74.9	7226.6	400.0	-31.3	-47.8	248.2	9.1	8.5	3.4	314.7	315.1	0.1	18.8	17.8	31.0
26.3	78.4	7680.0	375.0	-35.4	-50.8	248.2	10.5	10.0	3.0	315.1	315.4	0.1	23.0	18.5	34.0
28.1	82.0	8155.8	350.0	-39.8	-52.8	253.2	12.1	12.1	2.6	315.9	315.9	0.1	99.9	20.2	42.0
30.0	85.9	8657.7	325.0	-44.1	-56.9	268.7	12.9	12.1	-2.9	315.9	315.9	0.1	99.9	21.0	47.0
32.0	89.8	9188.5	300.0	-49.2	-59.9	281.5	12.4	12.5	-5.1	317.4	317.4	0.1	99.9	21.9	52.0
34.1	93.8	9753.7	275.0	-53.7	-59.9	283.4	13.5	12.5	-6.6	319.2	319.2	0.1	99.9	23.0	55.0
36.4	98.2	10359.3	250.0	-58.4	-59.9	292.0	16.9	14.6	-6.2	326.0	326.0	0.1	99.9	25.1	65.0
39.0	102.8	11018.7	225.0	-60.4	-59.9	300.5	17.5	15.4	-6.7	334.3	334.3	0.1	99.9	28.3	71.0
41.5	107.6	11749.1	200.0	-62.2	-59.9	297.9	18.6	17.3	-4.6	353.0	353.0	0.1	99.9	32.4	75.0
44.5	112.8	12579.9	175.0	-58.7	-59.9	291.1	18.9	18.3	-2.8	373.0	373.0	0.1	99.9	37.4	82.0
48.3	118.7	13553.1	150.0	-56.4	-59.9	284.1	19.9	19.7	-5.5	394.4	394.4	0.1	99.9	43.0	87.0
52.4	125.0	14710.3	125.0	-55.6	-59.9	278.0	19.4	18.6	-3.9	415.6	415.6	0.1	99.9	48.7	86.0
57.4	132.3	16126.0	100.0	-58.1	-59.9	285.6	17.1	16.6	-2.7	451.9	451.9	0.1	99.9	50.6	87.0
62.7	139.7	17946.7	75.0	-57.7	-59.9	283.1	8.7	8.3	-0.6	513.0	513.0	0.1	99.9	50.6	87.0
70.8	149.5	20514.8	50.0	-55.4	-59.9	287.8	3.6	3.5	-0.6	636.7	636.7	0.1	99.9	50.6	87.0
83.1	160.7	24978.0	25.0	-51.6	-59.9	278.9	3.6	3.5	-0.6	636.7	636.7	0.1	99.9	50.6	87.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 582  
NORTH PLATTE, NEBRASKA  
27 MARCH 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	847.0	920.8	2.4	-2.5	130.0	6.2	-4.7	4.0	282.1	291.3	3.5	70.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	16.6	1031.6	900.0	1.2	-4.4	153.1	8.8	-4.0	7.9	282.7	290.9	3.1	68.2	0.4	321.0
1.5	19.1	1257.4	875.0	-1.1	-4.9	148.7	11.6	-6.0	9.9	282.6	290.7	3.0	75.3	0.9	326.0
2.5	21.7	1488.1	850.0	-2.6	-3.8	158.4	13.3	-5.3	12.2	283.4	292.5	3.4	91.2	1.6	332.0
3.3	24.3	1724.2	825.0	-4.5	-5.0	159.0	14.3	-2.7	14.0	283.8	292.4	3.2	98.0	2.3	332.0
4.2	26.9	1986.5	800.0	-4.8	-5.2	165.9	11.8	-2.9	11.5	288.0	294.2	3.0	90.0	3.0	337.0
4.9	29.5	2218.2	775.0	-5.4	-8.5	181.7	11.4	-3.6	10.9	288.0	295.2	2.8	79.0	3.5	337.0
5.8	32.1	2473.5	750.0	-6.3	-8.9	182.6	11.8	-3.5	11.3	288.7	295.2	2.7	96.4	4.1	338.0
6.7	34.8	2738.3	725.0	-4.4	-8.9	185.6	11.3	-8.4	9.3	284.6	302.3	2.7	71.9	4.8	338.0
7.6	37.4	3015.9	700.0	-3.2	-17.8	134.9	11.0	-7.8	7.8	288.9	303.0	1.3	31.2	5.3	336.0
8.7	40.2	3303.1	675.0	-4.5	-18.5	138.1	9.5	-8.4	7.1	300.6	304.6	1.3	32.6	5.9	334.0
9.6	43.0	3598.9	650.0	-6.8	-20.1	134.9	8.0	-5.7	5.7	301.2	304.9	1.2	33.8	6.4	333.0
10.7	45.8	3904.2	625.0	-8.6	-21.6	127.5	7.0	-5.5	4.2	302.6	308.0	1.1	34.0	6.9	331.0
11.7	48.6	4219.4	600.0	-10.8	-24.4	122.8	5.8	-4.8	3.7	303.6	308.4	0.9	31.6	7.2	330.0
12.9	51.4	4544.9	575.0	-13.4	-26.5	127.9	6.0	-4.7	3.7	304.3	308.7	0.8	32.3	7.5	328.0
13.9	54.4	4831.8	550.0	-15.5	-28.4	132.6	6.2	-4.6	4.2	305.7	309.2	0.7	31.9	7.9	328.0
15.1	57.4	5231.7	525.0	-17.6	-30.1	134.8	5.5	-4.0	3.9	307.2	309.2	0.6	32.8	8.3	327.0
16.3	60.5	5595.3	500.0	-20.1	-33.1	122.6	5.5	-4.7	3.0	308.6	310.1	0.5	30.2	8.7	326.0
17.6	63.6	5972.4	475.0	-23.2	-33.0	119.1	5.1	-4.7	2.5	309.2	310.1	0.5	30.2	9.1	325.0
19.2	68.8	6366.9	450.0	-26.1	-33.9	134.5	4.1	-2.9	2.8	310.4	310.8	0.5	47.8	9.5	324.0
20.6	70.0	6777.1	425.0	-30.0	-35.1	110.4	2.0	-1.9	0.7	310.5	312.0	0.4	60.8	9.8	324.0
22.1	73.3	7208.2	400.0	-31.5	-34.3	351.5	1.0	0.1	-1.0	314.1	315.8	0.2	75.6	9.8	324.0
23.9	76.8	7662.0	375.0	-34.9	-46.7	5.1	1.7	-0.2	-0.1	315.5	316.0	0.1	36.5	9.8	322.0
25.7	80.3	8139.6	350.0	-38.8	-48.1	85.8	2.0	-0.5	-0.1	318.4	318.9	0.1	99.9	9.8	322.0
27.7	84.0	8643.4	325.0	-42.9	-49.9	187.4	2.3	-0.9	-0.1	317.5	318.9	0.1	99.9	9.8	322.0
29.7	87.7	9178.2	300.0	-46.9	-49.9	232.3	3.6	-3.3	-0.1	319.2	319.2	0.1	99.9	9.8	322.0
31.7	91.7	9748.1	275.0	-52.5	-52.5	259.9	5.4	-4.7	-0.1	321.2	321.2	0.1	99.9	9.8	322.0
33.9	95.8	10357.6	250.0	-57.1	-57.1	259.9	10.6	10.4	-0.1	321.2	321.2	0.1	99.9	9.8	322.0
36.5	100.2	11017.6	225.0	-59.5	-59.5	259.9	10.7	10.7	0.6	327.4	327.4	0.1	99.9	9.8	322.0
39.1	104.8	11754.6	200.0	-59.2	-59.2	281.7	12.6	12.4	-0.6	339.1	339.1	0.1	99.9	9.8	322.0
42.4	109.8	12802.7	175.0	-54.8	-54.8	287.8	17.2	16.4	-2.6	359.5	359.5	0.1	99.9	9.8	322.0
46.0	115.0	13589.4	150.0	-54.7	-54.7	295.0	19.0	17.3	-8.0	375.8	375.8	0.1	99.9	9.8	322.0
50.4	121.0	14752.4	125.0	-55.7	-55.7	291.7	19.5	18.1	-7.2	394.1	394.1	0.1	99.9	9.8	322.0
55.8	127.7	16167.1	100.0	-57.3	-57.3	291.6	18.8	17.5	-6.9	417.0	417.0	0.1	99.9	9.8	322.0
61.9	135.3	17985.9	75.0	-56.2	-56.2	295.1	13.7	12.4	-5.8	451.0	451.0	0.1	99.9	9.8	322.0
70.3	144.5	20557.4	50.0	-56.2	-56.2	320.8	8.4	5.3	-6.5	511.0	511.0	0.1	99.9	9.8	322.0
84.6	155.5	25000.5	25.0	-53.0	-53.0	114.4	4.4	-4.0	-1.8	632.6	632.6	0.1	99.9	9.8	322.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 562  
NORTH PLATTE, NEBRASKA  
27 MARCH 1982  
1415 GMT

TIME MIN	ONCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	847.0	922.8	1.8	-0.8	180.0	8.8	-3.0	8.3	281.4	3.9	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	16.6	1048.4	900.0	-0.0	-0.7	998.9	99.9	99.9	99.9	281.5	4.0	95.1	99.9	99.9
1.4	19.1	1273.4	875.0	-2.0	-2.5	998.9	99.9	99.9	99.9	281.7	3.7	95.5	99.9	99.9
2.2	21.6	1503.6	850.0	-3.3	-3.8	185.5	12.8	-3.2	12.4	282.7	3.4	98.3	1.4	341.
3.0	24.1	1739.3	825.0	-4.6	-5.1	175.0	13.1	-1.1	13.1	283.8	3.2	98.0	2.0	344.
4.0	26.6	1981.3	800.0	-5.8	-6.3	179.0	13.1	-0.2	13.1	285.0	3.0	98.8	2.8	348.
4.9	29.1	2230.1	775.0	-6.1	-6.8	171.5	13.6	-2.0	13.5	287.3	3.0	95.7	3.5	350.
5.9	31.7	2488.6	750.0	-7.3	-7.9	167.5	15.0	-3.3	14.7	288.7	3.0	95.4	4.3	349.
6.7	34.3	2751.8	725.0	-8.6	-9.1	174.6	12.6	-1.2	12.6	293.4	3.3	95.8	5.1	350.
7.8	37.0	3026.8	700.0	-9.0	-9.6	172.0	10.9	-1.5	10.8	295.8	3.3	95.7	5.8	350.
8.9	39.7	3311.8	675.0	-8.5	-9.0	166.8	9.4	-2.2	9.2	302.2	3.2	96.2	6.5	350.
10.1	42.4	3505.8	650.0	-8.7	-9.5	154.8	8.8	-3.8	8.2	308.4	3.0	96.2	7.1	348.
11.3	45.2	3698.2	625.0	-10.7	-11.8	140.6	8.1	-5.1	8.2	309.1	0.5	96.6	7.7	348.
12.4	48.0	4220.7	600.0	-13.0	-14.5	139.5	6.9	-5.1	5.3	309.3	0.4	96.9	8.1	348.
13.7	50.9	4544.5	575.0	-14.4	-16.5	146.9	6.5	-3.5	5.4	304.3	0.3	96.1	8.5	345.
14.9	53.8	4880.1	550.0	-16.5	-18.6	154.8	6.7	-2.8	5.0	304.5	0.3	96.1	9.1	344.
16.3	56.8	5228.3	525.0	-18.6	-21.0	152.2	5.7	-2.7	5.1	307.5	0.3	96.3	9.5	343.
17.7	59.8	5590.7	500.0	-21.0	-23.1	147.8	6.2	-3.3	5.3	309.4	0.4	96.7	10.0	342.
19.0	62.9	5968.1	475.0	-23.1	-25.4	125.0	4.4	-3.6	2.5	310.1	0.5	97.2	10.7	341.
20.6	66.0	6351.6	450.0	-25.4	-28.1	123.8	3.2	-2.1	1.8	311.4	0.5	97.8	10.9	340.
22.2	69.3	6772.7	425.0	-29.4	-32.1	87.3	2.1	-2.1	-0.1	314.3	0.2	98.2	10.8	339.
24.0	72.6	7204.1	400.0	-31.3	-34.7	35.1	2.3	-1.3	-1.0	316.0	0.1	98.6	10.7	338.
25.7	76.0	7658.3	375.0	-34.5	-38.3	86.2	2.4	-2.2	-1.2	317.1	0.1	98.6	10.8	335.
27.5	79.8	8137.0	350.0	-38.3	-42.1	111.0	3.3	-3.1	2.1	318.7	99.9	99.9	11.2	335.
29.5	83.3	8642.2	325.0	-42.1	-46.9	124.9	3.6	-3.0	-0.1	318.9	99.9	99.9	11.3	334.
31.5	87.2	9177.8	300.0	-47.2	-51.9	273.1	1.7	1.6	-0.1	321.8	99.9	99.9	10.9	336.
33.8	91.4	9750.1	275.0	-50.7	-55.1	273.2	2.5	1.7	-0.4	322.6	99.9	99.9	10.5	342.
36.0	95.4	10363.1	250.0	-56.1	-60.9	272.6	7.5	8.6	-0.4	326.7	99.9	99.9	10.0	352.
38.5	99.8	11025.2	225.0	-59.9	-64.9	281.5	11.6	11.4	-2.3	330.5	99.9	99.9	9.0	28.
41.4	104.6	11763.6	200.0	-57.1	-62.1	290.3	15.6	14.5	-5.3	338.5	99.9	99.9	9.0	28.
44.7	109.8	12618.1	175.0	-54.2	-59.9	285.3	18.0	15.5	-4.2	348.5	99.9	99.9	10.7	51.
48.2	115.2	13607.5	150.0	-53.3	-59.9	288.3	18.3	17.4	-5.8	378.5	99.9	99.9	14.6	70.
52.3	121.5	14776.7	125.0	-54.4	-59.9	292.1	18.0	16.7	-8.8	423.2	99.9	99.9	19.3	83.
57.3	128.3	16204.2	100.0	-54.2	-59.9	294.0	14.9	13.6	-8.1	453.2	99.9	99.9	24.4	91.
63.2	136.0	18034.8	75.0	-57.1	-59.9	343.3	8.0	2.3	-7.6	517.9	99.9	99.9	23.6	95.
71.4	145.0	20820.4	50.0	-53.3	-59.9	118.0	2.4	-2.2	-1.1	636.2	99.9	99.9	23.6	95.
83.9	154.7	25108.5	25.0	-51.8	-59.9	118.0	2.4	-2.2	-1.1	636.2	99.9	99.9	23.6	95.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 562  
NORTH PLATTE, NEBRASKA  
27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	847.0	924.5	1.9	-1.0	170.0	9.3	-1.6	9.2	281.3	291.4	3.8	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	17.2	1083.3	900.0	-0.1	-1.5	168.5	10.9	-2.1	10.7	281.4	291.4	3.8	89.8	0.5	343.
1.7	19.6	1288.2	875.0	-3.4	-2.9	171.8	11.0	-1.6	10.9	281.3	290.6	3.5	98.3	1.1	349.
2.4	22.4	1518.2	850.0	-3.2	-3.7	175.5	11.5	-0.9	11.5	282.8	291.8	3.4	98.0	1.6	349.
3.3	25.0	1754.1	825.0	-4.5	-5.1	177.6	12.5	-0.6	12.5	283.8	292.4	3.2	98.0	2.2	351.
4.2	27.7	1998.3	800.0	-5.4	-6.0	177.6	13.5	-0.6	13.5	285.4	293.7	3.1	95.8	2.9	351.
5.1	30.3	2245.4	775.0	-6.3	-6.9	174.4	14.7	-1.4	14.6	287.0	295.1	2.9	95.6	3.7	354.
6.1	33.0	2501.3	750.0	-7.1	-7.7	170.4	15.3	-1.0	15.3	288.9	296.8	2.9	95.4	4.5	354.
7.1	35.8	2767.6	725.0	-4.4	-6.6	175.7	13.4	-1.0	13.3	294.7	303.7	3.2	84.5	5.5	355.
8.3	38.6	3044.1	700.0	-5.1	-7.7	178.0	11.2	-0.4	11.2	296.9	305.6	3.1	81.4	6.3	354.
9.4	41.3	3329.8	675.0	-7.2	-10.8	193.3	8.9	2.2	8.6	299.1	308.1	2.6	85.0	7.0	355.
10.6	44.1	3625.2	650.0	-7.2	-14.1	182.7	7.0	1.6	6.8	300.8	308.3	2.1	75.8	7.5	355.
11.8	47.0	3930.2	625.0	-9.1	-16.2	177.2	5.7	0.3	5.9	302.0	308.2	1.5	69.9	8.0	358.
13.1	49.9	4245.0	600.0	-11.5	-17.3	162.3	4.7	-0.3	5.7	302.8	307.4	1.7	69.8	8.9	358.
14.4	52.9	4570.8	575.0	-13.0	-17.3	150.5	6.4	-1.4	4.5	304.7	308.4	1.7	69.8	9.2	358.
15.8	55.9	4908.1	550.0	-16.3	-31.6	162.2	6.5	-3.1	5.6	307.2	309.6	0.8	41.8	9.8	355.
17.1	58.9	5258.9	525.0	-17.7	-27.7	162.2	6.5	-2.0	6.2	307.9	309.3	0.4	27.9	10.2	355.
18.5	62.0	5620.0	500.0	-20.6	-34.3	168.1	3.7	-0.8	3.6	307.9	311.0	0.4	28.1	10.4	355.
19.9	65.1	5997.6	475.0	-22.8	-38.2	143.6	2.8	-1.6	2.2	309.8	312.1	0.4	39.6	10.6	355.
21.4	68.4	6391.9	450.0	-25.8	-35.6	115.6	3.2	-2.9	1.4	310.8	312.0	0.3	34.3	10.7	355.
23.0	71.8	6803.5	425.0	-28.9	-38.8	96.3	2.3	-2.9	0.6	312.0	313.0	0.1	19.0	10.7	355.
24.6	75.1	7235.4	400.0	-30.9	-47.0	72.1	2.1	-2.0	-0.6	314.6	315.3	0.1	19.0	10.7	355.
26.2	78.7	7690.3	375.0	-38.2	-49.7	68.4	1.7	-1.6	-0.6	316.2	317.7	0.1	19.0	10.7	355.
27.8	82.3	8168.7	350.0	-42.1	-49.9	145.1	2.5	-1.4	2.1	317.3	317.7	0.1	19.0	10.7	355.
29.5	86.0	8674.4	325.0	-47.0	99.9	165.5	2.7	-0.7	2.6	318.8	319.9	0.1	99.9	11.1	349.
31.4	90.0	9210.7	300.0	-51.1	99.9	174.4	3.0	-0.1	1.3	319.1	319.9	0.1	99.9	11.2	349.
33.3	94.0	9782.0	275.0	-58.8	99.9	251.8	4.9	2.8	0.9	321.6	319.9	0.1	99.9	11.3	350.
35.1	98.3	10394.4	250.0	-61.1	99.9	263.2	7.4	4.8	0.6	321.6	319.9	0.1	99.9	11.3	350.
37.2	102.8	11055.0	225.0	-61.1	99.9	273.1	10.9	7.3	-0.4	324.8	319.9	0.1	99.9	11.2	350.
39.6	107.6	11796.6	200.0	-55.8	99.9	277.4	14.2	10.8	-1.4	324.8	319.9	0.1	99.9	11.2	350.
42.3	112.8	12651.2	175.0	-53.4	99.9	279.2	17.4	14.0	-2.3	361.7	319.9	0.1	99.9	11.1	350.
45.4	118.5	13644.2	150.0	-53.4	99.9	282.1	18.1	17.0	-3.6	378.1	319.9	0.1	99.9	11.1	350.
49.0	124.7	14813.7	125.0	-54.9	99.9	281.5	18.1	17.7	-3.6	395.7	319.9	0.1	99.9	11.6	28.
53.3	131.5	16245.6	100.0	-54.3	99.9	287.8	16.6	15.8	-5.1	422.8	319.9	0.1	99.9	13.2	44.
58.7	139.3	18078.8	75.0	-56.2	99.9	292.6	13.2	12.2	-5.1	455.2	319.9	0.1	99.9	16.1	59.
66.2	148.3	20676.4	50.0	-53.1	99.9	291.5	5.2	4.8	-1.9	518.4	319.9	0.1	99.9	22.5	78.
78.4	158.0	25172.3	25.0	-50.2	99.9	46.5	3.7	-2.7	-2.6	640.4	319.9	0.1	99.9	23.1	78.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 562  
NORTH PLATTE, NEBRASKA  
27 MARCH 1982  
2015 GMT

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.3	847.0	924.1	2.6	-0.3	170.0	8.8	-1.5	8.7	282.1	252.7	4.0	81.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	920.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	920.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	17.4	1060.2	920.0	0.4	-1.3	173.6	11.0	-3.1	16.1	281.9	252.1	3.9	88.4	0.5	354.0
1.4	20.0	1285.4	875.0	-1.9	-2.4	167.4	12.5	-2.7	12.2	281.8	251.5	3.7	96.0	1.0	350.0
2.0	22.7	1515.6	825.0	-3.3	-3.8	170.4	13.3	-2.2	13.1	282.7	251.7	3.4	96.3	1.5	349.0
2.8	25.3	1751.3	825.0	-4.6	-5.1	176.8	13.0	-0.7	13.7	283.7	252.2	3.2	96.0	2.1	350.0
3.5	28.0	1993.1	800.0	-5.9	-6.5	186.0	13.8	1.4	13.0	284.9	252.9	3.0	95.7	2.7	352.0
4.3	30.6	2242.1	775.0	-6.5	-7.0	187.6	13.5	1.8	13.4	286.9	254.8	2.9	95.6	3.3	356.0
5.1	33.3	2498.0	750.0	-7.4	-8.0	190.3	13.2	2.4	13.0	288.5	256.2	2.8	95.4	4.0	358.0
6.0	36.1	2763.6	725.0	-8.1	-8.7	192.2	12.0	2.5	11.7	292.9	260.9	2.7	94.0	4.6	0.0
6.9	38.8	3039.6	700.0	-5.2	-9.1	185.4	9.9	1.1	9.9	296.7	304.6	2.5	74.0	5.2	1.0
7.9	41.6	3324.3	675.0	-6.5	-9.5	180.6	8.5	0.1	8.5	298.4	305.3	2.4	78.9	5.7	1.0
8.9	44.4	3619.5	650.0	-7.5	-10.2	176.3	8.8	-0.3	8.8	300.5	308.3	2.7	80.7	6.2	1.0
9.8	47.3	3924.2	625.0	-9.1	-12.5	170.5	7.9	-1.3	7.8	302.1	309.0	2.3	78.4	6.7	1.0
10.9	50.3	4239.1	600.0	-12.7	-14.6	162.4	7.7	-2.3	7.3	303.2	309.4	2.1	75.6	7.2	360.0
12.0	53.3	4565.2	575.0	-12.7	-16.8	155.2	6.7	-2.8	6.1	305.1	310.5	1.8	71.1	7.6	359.0
13.2	56.3	4903.1	550.0	-15.0	-17.9	148.8	5.5	-2.9	4.7	308.4	311.6	1.7	78.1	8.0	357.0
14.4	59.4	5253.7	525.0	-17.2	-23.1	154.4	5.7	-2.8	5.9	307.8	311.4	1.1	59.9	8.4	358.0
15.6	62.5	5617.9	500.0	-19.8	-25.2	161.5	5.7	-1.8	5.4	308.9	312.1	0.5	61.9	8.9	355.0
16.8	65.6	5986.7	475.0	-22.4	-32.5	162.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
18.3	69.1	6360.8	450.0	-25.6	-37.2	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
19.7	72.5	6803.0	425.0	-28.8	-42.7	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
21.2	76.0	7235.4	400.0	-30.6	-46.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
22.7	79.6	7691.0	375.0	-34.0	-48.9	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
24.3	83.3	8170.3	350.0	-37.6	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
26.0	87.3	8677.0	325.0	-41.7	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
27.7	91.3	9213.7	300.0	-46.5	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
29.6	95.5	9785.5	275.0	-51.0	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
31.6	100.0	10397.7	250.0	-56.2	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
33.6	104.8	11058.3	225.0	-60.8	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
36.0	109.8	11799.7	200.0	-55.7	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
38.8	115.2	12553.2	175.0	-54.4	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
41.9	121.0	13311.3	150.0	-54.2	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
45.7	127.7	14070.2	125.0	-54.4	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
50.4	135.3	16238.7	100.0	-54.3	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
56.0	144.0	18071.3	75.0	-58.0	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
63.9	154.5	20667.3	50.0	-53.1	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0
75.9	165.5	25161.2	25.0	-51.1	-44.4	161.5	5.7	-2.0	5.4	308.9	312.1	0.5	61.9	8.9	355.0

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\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 582  
NORTH PLATTE, NEBRASKA  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.3	847.0	922.8	3.8	-0.4	170.0	10.3	-1.8	10.1	283.4	294.0	4.0	74.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	17.7	1049.5	900.0	1.4	-1.3	181.9	5.2	-1.8	5.5	283.0	293.2	3.9	81.8	0.6	346
1.1	20.4	1275.7	875.0	-0.8	-1.4	174.1	12.0	-1.1	10.9	283.0	293.2	3.9	81.8	0.6	346
1.8	23.1	1506.5	850.0	-2.9	-3.4	175.6	12.7	-0.9	12.0	283.0	293.2	3.9	81.8	0.6	346
2.6	25.8	1742.7	825.0	-4.3	-4.9	182.2	14.2	0.5	12.7	283.0	293.2	3.9	81.8	0.6	346
3.5	28.5	1984.7	800.0	-6.0	-6.6	185.7	14.2	1.4	12.7	283.0	293.2	3.9	81.8	0.6	346
4.3	31.3	2232.8	775.0	-7.2	-7.8	188.1	14.2	1.5	12.7	283.0	293.2	3.9	81.8	0.6	346
5.1	34.1	2489.7	750.0	-4.7	-10.3	193.5	14.3	2.8	14.2	283.0	293.2	3.9	81.8	0.6	346
6.1	37.0	2756.9	725.0	-3.9	-10.4	197.0	10.5	3.1	10.0	293.2	304.3	2.4	60.4	4.4	3.3
7.0	39.8	3033.8	700.0	-4.6	-10.8	192.5	8.8	1.9	8.8	297.4	304.3	2.4	60.4	4.4	3.3
8.1	42.7	3319.6	675.0	-5.9	-11.5	191.7	6.7	1.4	6.8	299.0	305.9	2.4	60.4	4.4	3.3
9.2	45.6	3614.3	650.0	-7.7	-12.3	193.4	5.5	1.3	5.3	300.2	306.9	2.4	60.4	4.4	3.3
10.2	48.6	3918.8	625.0	-8.9	-13.5	189.9	5.5	1.0	5.5	302.3	308.7	2.2	60.4	4.4	3.3
11.3	51.6	4234.0	600.0	-10.7	-15.2	188.4	5.1	0.9	6.0	303.8	309.7	2.2	60.4	4.4	3.3
12.4	54.8	4560.4	575.0	-12.7	-17.8	187.2	4.9	0.8	6.2	305.1	310.1	1.5	60.4	4.4	3.3
13.6	57.8	4898.8	550.0	-14.5	-19.5	185.6	4.8	0.7	6.3	306.9	310.8	1.2	60.4	4.4	3.3
14.9	60.9	5249.5	525.0	-16.1	-21.5	183.7	4.8	0.6	6.3	307.9	311.8	1.2	60.4	4.4	3.3
16.2	64.1	5613.9	500.0	-17.7	-23.9	181.8	4.8	0.5	6.3	309.2	312.0	0.8	60.4	4.4	3.3
17.6	67.4	5993.6	475.0	-21.7	-26.9	188.8	3.4	0.5	6.3	311.1	312.0	0.2	60.4	4.4	3.3
19.0	70.8	6389.9	450.0	-24.6	-30.0	204.1	3.8	1.6	6.3	312.4	313.2	0.2	60.4	4.4	3.3
20.5	74.3	6803.9	425.0	-27.0	-33.7	220.8	2.6	2.1	6.3	314.4	314.2	0.1	60.4	4.4	3.3
22.0	77.7	7238.7	400.0	-30.0	-37.5	247.4	4.6	2.4	6.3	316.4	316.4	0.2	60.4	4.4	3.3
23.6	81.3	7684.4	375.0	-33.7	-43.1	265.9	4.3	4.6	6.3	318.0	317.8	0.2	60.4	4.4	3.3
25.3	85.1	8174.1	350.0	-37.5	-47.0	289.1	3.3	3.3	6.3	318.0	318.0	0.2	60.4	4.4	3.3
27.1	89.0	8680.3	325.0	-42.2	-51.9	289.2	3.3	3.3	6.3	318.0	318.0	0.2	60.4	4.4	3.3
28.8	93.0	9216.6	300.0	-46.6	-55.9	278.6	5.0	4.9	6.3	319.7	319.7	0.2	60.4	4.4	3.3
30.8	97.3	9788.8	275.0	-51.3	-59.9	275.5	6.5	6.5	6.3	320.9	320.9	0.2	60.4	4.4	3.3
32.9	101.8	10400.2	250.0	-56.9	-64.0	262.6	7.2	7.1	6.3	321.5	321.5	0.2	60.4	4.4	3.3
35.1	106.6	11062.4	225.0	-59.6	-67.5	272.2	10.2	10.2	6.3	322.2	322.2	0.2	60.4	4.4	3.3
37.0	111.6	11804.0	200.0	-57.2	-65.9	282.5	15.4	15.1	6.3	324.1	324.1	0.2	60.4	4.4	3.3
40.3	117.0	12651.2	175.0	-55.8	-64.0	277.6	15.6	15.6	6.3	327.8	327.8	0.2	60.4	4.4	3.3
43.5	123.0	13637.5	150.0	-53.7	-62.4	280.0	18.4	18.4	6.3	334.2	334.2	0.2	60.4	4.4	3.3
47.2	129.7	14804.8	125.0	-51.3	-60.8	276.8	17.6	17.6	6.3	337.2	337.2	0.2	60.4	4.4	3.3
51.8	137.3	16236.4	100.0	-50.2	-59.9	276.8	15.6	15.6	6.3	339.7	339.7	0.2	60.4	4.4	3.3
57.5	146.0	18069.7	75.0	-50.5	-59.9	285.3	7.5	7.5	6.3	342.1	342.1	0.2	60.4	4.4	3.3
65.3	156.0	20653.8	50.0	-54.1	-59.9	297.5	7.5	7.5	6.3	345.6	345.6	0.2	60.4	4.4	3.3
77.0	168.7	25150.4	25.0	-50.7	-59.9	999.9	99.9	99.9	99.9	639.2	639.2	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 562  
NORTH PLATTE, NEBRASKA  
28 MARCH 1962  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/NG	RH PCT	RANGE KM	AZ DG
0.0	14.4	847.0	922.5	2.3	-0.6	190.0	6.7	1.2	6.6	281.9	292.3	4.0	81.3	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	16.8	1046.1	902.0	0.5	-1.2	181.4	9.2	0.2	9.2	282.0	292.3	3.9	88.3	0.5	357.
1.4	19.3	1271.6	875.0	-1.6	-2.3	184.0	12.7	0.9	12.7	282.1	291.9	3.7	94.9	0.9	357.
2.2	21.9	1502.1	850.0	-2.8	-3.3	187.3	15.6	2.0	15.5	283.3	292.7	3.5	98.3	1.6	357.
3.0	24.5	1738.2	825.0	-4.8	-5.4	190.1	18.0	2.8	15.7	283.5	291.9	3.1	98.0	2.4	357.
3.8	27.1	1979.7	800.0	-6.1	-6.7	190.6	15.9	2.9	15.7	284.6	292.4	2.9	95.7	3.2	357.
4.7	29.7	2228.1	775.0	-8.1	-8.7	191.0	15.8	3.0	15.3	287.3	294.4	2.6	82.0	4.0	357.
5.6	32.4	2485.8	750.0	-4.1	-9.7	197.6	10.8	3.3	10.3	292.1	299.0	2.4	64.9	4.8	357.
6.5	35.0	2754.1	725.0	-2.2	-10.5	194.0	6.1	1.5	6.0	297.1	306.4	2.5	55.8	5.7	357.
7.7	37.8	3032.7	700.0	-2.9	-11.7	187.5	7.4	1.0	7.4	299.2	306.4	2.3	55.8	6.1	357.
8.8	40.5	3320.1	675.0	-4.4	-13.0	183.2	7.3	0.4	7.3	302.1	307.6	2.2	57.8	7.0	357.
9.8	43.3	3616.6	650.0	-5.1	-14.5	180.3	6.4	0.0	6.4	304.8	308.7	2.0	61.3	7.5	357.
11.0	46.1	3922.3	625.0	-8.5	-17.0	181.2	5.6	0.1	5.6	307.6	309.3	1.7	67.9	8.3	357.
12.2	49.0	4238.3	600.0	-10.3	-17.6	194.9	4.0	1.0	3.5	304.2	309.3	1.3	77.9	9.2	357.
13.5	52.0	4564.8	575.0	-13.0	-20.7	211.2	4.1	2.7	3.2	306.8	310.7	0.9	88.4	10.2	357.
14.8	55.0	4903.0	550.0	-14.5	-22.2	220.0	4.2	3.4	3.5	307.8	311.0	0.7	95.4	11.2	357.
16.1	58.0	5250.0	525.0	-17.2	-25.2	223.6	4.9	4.2	2.3	309.5	311.6	0.5	102.2	12.2	357.
17.4	61.1	5618.4	500.0	-19.3	-29.3	241.0	4.8	4.6	1.7	309.8	312.4	0.5	109.4	13.2	357.
18.7	64.3	5997.4	475.0	-22.7	-32.0	249.6	3.5	3.6	-0.5	310.7	312.4	0.4	116.8	14.2	357.
20.1	67.5	6391.9	450.0	-25.9	-33.3	278.1	2.9	2.8	0.1	313.2	314.5	0.3	124.1	15.2	357.
21.7	70.9	6804.0	425.0	-27.9	-37.3	258.8	1.8	1.8	0.1	314.5	315.5	0.2	131.6	16.2	357.
23.4	74.3	7237.1	400.0	-31.1	-41.2	266.2	1.8	3.0	-1.0	316.0	318.1	0.1	139.1	17.2	357.
25.1	77.8	7691.1	375.0	-34.5	-42.4	288.5	4.9	4.7	-1.3	317.6	318.1	0.1	146.8	18.2	357.
27.0	81.4	8169.7	350.0	-37.9	-49.1	285.6	7.8	7.3	-2.7	318.6	319.3	0.1	154.1	19.2	357.
28.7	85.2	8674.9	325.0	-42.7	-59.9	290.3	9.6	8.9	-3.5	318.6	319.3	0.1	161.8	20.2	357.
31.0	89.2	9209.1	300.0	-47.4	-69.9	291.7	9.1	9.5	-1.5	318.9	319.3	0.1	169.1	21.2	357.
33.3	93.3	9777.9	275.0	-52.7	-79.9	279.2	9.6	9.5	-1.7	320.1	319.3	0.1	176.4	22.2	357.
35.8	97.4	10388.4	250.0	-57.8	-89.9	280.2	13.8	11.7	-7.4	327.3	319.3	0.1	183.7	23.2	357.
37.8	101.0	11045.7	225.0	-59.5	-99.9	302.3	15.6	13.0	-8.6	338.3	319.3	0.1	191.0	24.2	357.
40.5	106.8	11782.3	200.0	-58.6	-99.9	305.4	16.4	16.1	-2.1	357.2	319.3	0.1	198.3	25.2	357.
43.7	112.0	12623.9	175.0	-58.2	-99.9	280.9	18.1	18.0	-2.2	374.5	319.3	0.1	205.6	26.2	357.
47.6	117.7	13604.9	150.0	-55.5	-99.9	277.0	19.0	18.8	-2.6	393.6	319.3	0.1	212.9	27.2	357.
52.1	124.0	14784.7	125.0	-50.0	-99.9	278.0	17.7	17.6	-1.4	419.6	319.3	0.1	220.2	28.2	357.
57.6	131.0	16180.3	100.0	-56.0	-99.9	274.6	13.9	13.4	-3.7	452.1	319.3	0.1	227.5	29.2	357.
64.2	139.0	18001.5	75.0	-57.6	-99.9	285.4	8.2	6.7	-4.7	511.2	319.3	0.1	234.8	30.2	357.
73.0	148.0	20573.0	50.0	-56.2	-99.9	304.8	4.5	4.4	-0.7	632.1	319.3	0.1	242.1	31.2	357.
80.5	157.5	25018.6	25.0	-53.1	-99.9	260.8	4.5	4.4	-0.7	632.1	319.3	0.1	249.4	32.2	357.

\* BY SPEED MEANS: ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS: TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS: ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS: MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 582  
NORTH PLATTE, NEBRASKA  
28 MARCH 1982  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	15.1	847.0	923.1	1.9	-0.5	190.0	7.7	1.3	7.6	281.4	291.9	4.0	84.0	0.0	0.0
0 9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9 9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9 9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0 7	17.7	1051.1	900.0	-0.1	-1.1	193.4	12.0	2.8	11.7	281.4	291.7	3.9	92.6	0.4	12.0
1 4	20.3	1276.2	875.0	-2.0	-2.5	198.9	14.0	4.5	13.2	281.4	291.4	3.7	96.5	0.9	14.0
2 2	23.1	1508.4	850.0	-3.8	-4.1	200.1	15.6	5.6	14.6	282.4	291.2	3.3	96.2	1.7	18.0
3 2	25.9	1742.8	825.0	-3.9	-4.4	203.2	14.9	5.1	14.0	284.5	293.5	3.4	95.2	3.2	19.0
4 0	28.8	1985.1	800.0	-5.4	-5.9	203.2	13.7	5.4	12.6	285.4	293.7	3.1	95.8	3.3	19.0
5 0	31.7	2234.4	775.0	-5.2	-7.1	216.0	12.6	7.5	10.1	288.3	298.3	2.9	89.7	4.6	21.0
6 0	34.6	2492.5	750.0	-4.6	-10.4	225.4	7.1	5.0	5.0	291.6	308.1	2.2	83.9	4.6	21.0
7 1	37.5	2759.8	725.0	-4.0	-12.6	242.9	5.6	3.0	4.7	295.0	308.8	2.0	51.2	5.0	25.0
8 2	40.4	3028.6	700.0	-4.9	-14.2	244.1	4.3	3.8	1.9	297.1	302.4	1.8	47.6	5.2	26.0
9 3	43.4	3322.2	675.0	-5.7	-14.3	251.9	3.8	3.6	1.2	299.3	304.8	1.9	50.4	5.4	28.0
10 3	46.4	3617.5	650.0	-6.9	-16.8	259.2	3.4	3.0	1.8	301.2	308.0	1.6	45.5	5.8	29.0
11 6	49.4	3922.6	625.0	-8.9	-18.8	242.5	3.5	3.1	1.8	302.3	307.2	1.8	52.8	5.8	31.0
13 0	52.5	4237.5	600.0	-11.0	-20.2	243.8	4.1	3.6	0.8	303.4	308.7	1.3	55.0	6.1	32.0
14 3	55.3	4583.5	575.0	-13.1	-22.2	261.1	5.1	5.0	0.8	304.6	308.7	1.3	55.0	6.1	32.0
15 6	58.8	4900.8	550.0	-15.4	-25.5	269.4	4.1	4.1	0.0	305.8	309.8	0.8	62.1	6.4	34.0
17 0	62.0	5250.8	525.0	-17.7	-28.7	271.0	3.5	3.5	-0.1	307.2	309.8	0.7	45.9	6.8	39.0
18 3	65.3	5514.1	500.0	-20.3	-28.7	265.5	3.8	3.6	0.3	308.3	309.8	0.7	46.8	6.9	41.0
19 8	68.5	5872.2	475.0	-22.4	-31.9	260.2	4.1	4.1	0.7	310.2	312.1	0.6	41.6	7.2	42.0
21 4	72.0	6287.5	450.0	-24.9	-35.5	272.3	5.8	5.8	-0.2	311.9	313.3	0.4	38.5	7.5	45.0
23 0	75.4	6800.6	425.0	-28.2	-38.0	274.4	6.2	6.2	-0.5	312.9	314.7	0.3	38.3	8.0	48.0
24 8	79.1	7232.2	400.0	-31.8	-40.3	278.0	4.9	4.8	-0.7	313.7	314.7	0.3	42.3	8.3	51.0
26 4	82.9	7685.5	375.0	-35.3	-45.1	269.3	6.5	6.5	0.1	314.9	315.5	0.2	35.7	8.8	54.0
28 2	86.7	8162.2	350.0	-39.2	-51.1	266.5	7.0	7.0	0.4	315.9	316.3	0.1	26.6	9.4	58.0
30 0	90.7	8665.6	325.0	-43.4	-59.9	261.3	7.8	7.8	-1.5	316.8	316.8	0.1	99.9	10.0	59.0
32 1	94.8	9198.1	300.0	-48.3	-69.9	260.1	7.7	7.6	-1.4	317.4	317.4	0.1	99.9	10.7	62.0
34 1	99.2	9765.2	275.0	-52.6	-79.9	262.6	10.9	10.0	-4.2	319.0	319.0	0.1	99.9	11.5	65.0
36 1	103.5	10375.9	250.0	-55.7	-89.9	309.0	14.2	11.0	-8.9	323.2	323.2	0.1	99.9	12.4	72.0
38 1	108.2	11040.4	225.0	-59.4	-99.9	302.9	15.8	13.2	-8.6	327.5	327.5	0.1	99.9	13.5	78.0
40 2	113.2	11772.4	200.0	-60.8	-99.9	291.7	18.2	15.1	-6.0	338.5	338.5	0.1	99.9	15.1	83.0
42 7	118.7	12608.0	175.0	-56.1	-99.9	277.7	20.4	20.2	-2.7	357.4	357.4	0.1	99.9	17.7	86.0
45 7	124.7	13588.3	150.0	-57.0	-99.9	276.1	20.1	20.0	-2.1	371.9	371.9	0.1	99.9	21.4	88.0
49 1	131.0	14742.0	125.0	-58.7	-99.9	278.6	17.1	16.9	-2.5	382.4	382.4	0.1	99.9	25.2	90.0
53 4	138.3	16162.7	100.0	-55.8	-99.9	271.8	17.5	17.5	-0.8	420.0	420.0	0.1	99.9	30.8	90.0
58 6	146.7	17983.3	75.0	-57.0	-99.9	276.5	13.9	13.8	-1.6	453.4	453.4	0.1	99.9	34.6	92.0
66 1	158.3	20553.0	50.0	-55.9	-99.9	317.7	7.5	5.1	-5.6	511.9	511.9	0.1	99.9	39.6	92.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 562  
NORTH PLATTE, NEBRASKA

28 MARCH 1982

153 7. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.9	847.0	919.7	-1.8	-0.3	180.0	7.7	0.0	7.7	281.4	292.0	4.1	87.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	17.0	1021.3	900.0	0.3	-0.7	258.5	3.1	3.0	0.6	281.8	292.4	4.0	92.8	0.7	5.0
1.4	19.6	1246.6	875.0	-1.8	-2.3	201.3	11.6	4.2	10.8	281.9	293.4	3.7	96.3	1.0	10.0
2.2	22.1	1477.1	850.0	-2.4	-3.8	209.3	15.3	7.5	13.4	282.7	294.4	3.5	97.2	1.8	18.0
2.9	24.8	1714.3	825.0	-3.4	-5.2	216.6	14.0	8.9	10.8	285.0	297.1	3.6	97.0	2.4	21.0
3.8	27.4	1957.5	800.0	-3.5	-6.2	236.5	11.7	9.1	6.5	287.4	303.5	3.1	96.6	3.1	26.0
4.6	30.1	2211.3	775.0	0.8	-6.2	277.7	9.2	7.3	-1.2	294.7	305.7	2.4	95.6	3.4	32.0
5.6	32.8	2475.1	750.0	1.9	-9.7	303.7	8.8	6.9	-4.9	298.6	306.7	2.5	94.9	3.5	50.0
6.6	35.5	2747.8	725.0	-0.0	-10.0	311.5	8.6	5.6	-5.4	300.2	307.0	2.3	94.8	3.7	57.0
7.6	38.2	3027.9	700.0	-2.1	-11.4	314.0	7.7	5.2	-5.4	302.2	308.6	2.2	95.7	3.8	65.0
8.6	41.1	3315.7	675.0	-4.9	-12.4	308.3	6.6	5.2	-4.1	301.4	306.9	1.9	95.3	4.0	71.0
9.7	43.9	3611.4	650.0	-6.9	-14.3	292.3	6.6	5.1	-2.5	301.4	306.9	1.9	95.3	4.0	71.0
10.7	46.8	3915.8	625.0	-9.7	-15.2	280.8	5.9	5.3	-1.1	305.0	307.4	0.8	95.5	4.3	75.0
11.9	49.8	4231.5	600.0	-9.6	-25.7	280.8	5.9	5.3	-0.9	305.0	307.4	0.8	95.5	4.3	75.0
13.0	52.7	4597.9	575.0	-11.8	-27.2	280.8	5.9	5.3	-0.9	305.0	307.4	0.8	95.5	4.3	75.0
14.2	55.8	5049.9	550.0	-14.0	-34.2	280.8	5.9	5.3	-0.9	305.0	307.4	0.8	95.5	4.3	75.0
15.3	58.8	5529.9	525.0	-16.2	-36.0	280.8	5.9	5.3	-0.9	305.0	307.4	0.8	95.5	4.3	75.0
16.6	62.0	5998.0	500.0	-18.3	-37.6	280.8	5.9	5.3	-0.9	305.0	307.4	0.8	95.5	4.3	75.0
18.1	65.1	6392.5	475.0	-21.1	-40.4	277.9	10.4	10.3	-1.5	311.8	312.7	0.3	95.7	4.7	81.0
19.5	68.4	6808.8	450.0	-24.4	-42.9	277.9	11.0	10.8	-2.1	312.5	313.2	0.2	95.7	5.0	89.0
21.1	71.8	7239.6	425.0	-27.2	-45.1	280.8	11.2	11.0	-2.4	314.1	314.7	0.2	95.7	5.3	91.0
22.6	75.1	7693.2	400.0	-31.4	-48.4	285.4	12.7	12.2	-3.4	315.2	315.6	0.1	95.7	5.7	87.0
24.3	78.7	8171.0	375.0	-35.0	-50.1	293.8	14.0	13.6	-3.3	315.2	315.6	0.1	95.7	5.7	87.0
26.2	82.4	8676.6	350.0	-38.5	-52.9	293.8	15.7	15.5	-2.5	315.2	315.6	0.1	95.7	5.7	87.0
28.3	86.2	9213.2	325.0	-42.2	-59.9	293.8	17.6	17.4	-2.1	315.2	315.6	0.1	95.7	5.7	87.0
30.5	90.2	9784.9	300.0	-46.8	-62.9	293.8	19.4	19.4	-1.7	315.2	315.6	0.1	95.7	5.7	87.0
32.8	94.3	10398.6	275.0	-51.2	-69.9	293.8	21.2	21.2	-1.5	315.2	315.6	0.1	95.7	5.7	87.0
35.0	98.7	10983.8	250.0	-55.5	-75.9	293.8	25.8	23.0	-11.5	315.2	315.6	0.1	95.7	5.7	87.0
37.6	103.2	11634.6	225.0	-59.2	-83.0	293.8	24.1	19.7	-3.5	315.2	315.6	0.1	95.7	5.7	87.0
40.2	108.2	12317.8	200.0	-63.0	-89.9	293.8	20.0	22.0	-4.1	315.2	315.6	0.1	95.7	5.7	87.0
43.3	113.4	13090.2	175.0	-66.4	-95.9	293.8	22.4	20.5	-3.0	315.2	315.6	0.1	95.7	5.7	87.0
47.2	119.0	14749.4	150.0	-69.9	-99.9	293.8	20.8	20.9	-1.0	315.2	315.6	0.1	95.7	5.7	87.0
51.8	125.5	16171.1	125.0	-75.7	-99.9	293.8	20.9	18.6	-0.2	315.2	315.6	0.1	95.7	5.7	87.0
57.0	132.5	17988.9	100.0	-83.0	-99.9	293.8	14.0	14.0	-0.2	315.2	315.6	0.1	95.7	5.7	87.0
63.6	140.7	20555.4	75.0	-89.9	-99.9	293.8	5.2	5.2	0.4	315.2	315.6	0.1	95.7	5.7	87.0
72.3	149.7	25012.3	50.0	-95.9	-99.9	293.8	3.2	2.7	1.7	315.2	315.6	0.1	95.7	5.7	87.0
85.7	159.3		25.0	-99.9	-99.9	293.8				315.2	315.6	0.1	95.7	5.7	87.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

APPENDIX II

AVE/VAS III Rawinsonde Data  
with Abnormal Characteristics  
Presented at 25-mb Intervals



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS

27 MARCH 1982  
2025 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00	6.7	193.2	999.8	4.0	3.6	90.0	5.0	-5.0	0.0	277.2	289.7	5.0	97.0	0.0	0.0
39.9	99.9	1000.0	999.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	9.1	397.0	975.0	2.3	1.3	94.2	8.5	-8.5	0.8	277.3	288.5	4.3	93.6	0.4	280.0
11.5	11.5	606.3	950.0	0.1	-0.3	103.0	9.6	-9.4	-2.2	277.3	288.5	3.9	97.2	0.8	270.0
2.3	13.8	819.6	925.0	-1.2	-1.5	110.7	11.3	-10.5	4.0	278.1	287.7	3.7	97.8	1.3	277.0
3.3	16.2	1038.2	900.0	-1.2	-1.5	118.9	12.0	-10.5	5.8	280.3	290.3	3.8	97.6	1.9	283.0
4.0	18.5	1282.7	875.0	-1.8	-1.9	138.6	10.3	-6.8	7.7	281.9	291.9	3.8	99.6	2.4	287.0
4.8	21.0	1584.3	850.0	-0.1	-0.2	161.4	4.7	-1.5	4.5	286.1	291.6	4.4	99.0	2.6	294.0
5.7	23.5	1733.9	825.0	0.1	-0.2	180.7	1.8	0.3	1.7	288.5	300.8	4.6	98.4	2.7	295.0
6.5	25.8	1980.6	800.0	-0.3	-0.4	270.6	5.7	5.7	-0.1	289.8	303.4	4.7	98.7	2.7	297.0
7.8	28.3	2235.0	775.0	-0.5	-0.5	298.2	7.1	6.3	-3.1	293.3	306.3	4.8	99.7	2.1	299.0
8.5	30.8	2497.1	750.0	-1.9	-1.7	274.0	5.7	5.7	-0.4	294.6	308.6	4.7	99.6	1.9	309.0
9.5	33.3	2787.2	725.0	-1.7	-1.9	251.4	8.5	8.0	2.7	297.6	310.6	4.7	99.6	1.6	309.0
10.6	36.0	3046.7	700.0	-2.3	-2.4	254.5	11.2	10.8	3.0	299.9	312.9	4.6	99.6	1.4	334.0
11.6	38.6	3335.7	675.0	-3.4	-3.5	255.5	12.2	11.9	3.1	301.8	314.2	4.4	99.4	1.4	33.0
12.6	41.3	3633.9	650.0	-4.9	-5.0	259.0	12.7	12.5	2.4	303.5	315.2	4.1	99.3	1.8	28.0
13.7	44.0	3941.0	625.0	-8.0	-8.2	266.9	11.5	11.5	0.6	303.3	312.9	3.3	98.9	2.4	44.0
14.6	46.9	4257.4	600.0	-0.3	-1.9	272.4	10.4	10.4	-0.4	304.3	311.8	2.6	87.5	2.9	55.0
16.1	49.7	4583.9	575.0	-13.3	-19.6	275.3	12.1	12.0	-1.1	304.4	308.8	1.4	87.5	3.5	63.0
17.4	52.6	4919.8	550.0	-16.8	-23.6	278.5	12.3	12.2	-1.8	304.1	304.6	0.1	7.7	4.5	71.0
18.8	55.6	5267.4	525.0	-19.4	-26.3	280.2	11.8	11.6	-2.1	305.1	305.4	0.1	7.1	5.3	75.0
20.2	58.6	5628.1	500.0	-21.9	-28.8	281.8	14.2	13.9	-2.9	306.4	306.9	0.1	10.5	6.3	80.0
21.7	61.7	6004.7	475.0	-22.9	-29.9	282.3	19.2	18.7	-1.1	309.7	310.0	0.1	7.2	7.6	84.0
22.1	64.8	6400.3	450.0	-24.0	-30.2	279.5	24.5	24.2	-4.1	313.0	313.3	0.1	6.8	9.4	87.0
24.4	67.9	6816.3	425.0	-25.6	-31.8	278.9	30.5	30.1	-4.7	316.2	316.4	0.0	4.5	11.6	89.0
25.9	71.3	7254.3	400.0	-27.9	-34.7	276.6	34.5	34.3	-4.0	318.6	319.0	0.0	4.4	14.6	91.0
27.7	74.7	7715.0	375.0	-30.6	-38.8	272.4	37.9	37.8	-1.8	320.8	321.0	0.0	4.5	18.3	92.0
29.4	78.4	8200.9	350.0	-34.7	-42.7	273.6	39.4	39.3	-2.5	322.0	322.1	0.0	5.2	22.3	92.0
31.2	82.3	8714.9	325.0	-38.1	-46.9	276.0	41.9	41.7	-4.4	324.2	324.3	0.0	5.5	26.8	92.0
33.2	86.3	9281.7	300.0	-41.9	-50.9	274.5	47.9	47.8	-3.8	326.3	326.3	99.9	99.9	32.0	93.0
35.3	90.5	9848.0	275.0	-46.3	-54.8	271.1	52.4	52.4	-1.0	328.2	328.2	99.9	99.9	38.2	93.0
37.5	95.0	10472.4	250.0	-50.8	-58.9	270.5	51.9	51.9	-0.5	330.5	330.5	99.9	99.9	45.4	92.0
39.6	99.7	11151.3	225.0	-55.3	-63.0	271.9	51.2	51.2	-1.7	333.8	333.8	99.9	99.9	51.8	92.0
41.8	104.6	11903.3	200.0	-55.5	-63.0	276.1	52.5	52.2	-5.5	335.8	335.8	99.9	99.9	59.0	93.0
44.3	110.2	12523.8	175.0	-57.0	-65.0	274.6	44.9	44.8	-3.6	335.8	335.8	99.9	99.9	65.9	93.0
47.1	116.2	13229.4	150.0	-57.2	-65.0	278.1	43.6	43.2	-8.2	335.8	335.8	99.9	99.9	73.8	93.0
50.5	122.7	14871.0	125.0	-60.2	-69.9	279.2	40.2	39.7	-6.4	335.9	335.9	99.9	99.9	82.1	94.0
54.6	130.3	16254.8	100.0	-80.7	-80.7	288.7	24.2	22.9	-7.8	410.5	410.5	99.9	99.9	89.6	95.0
59.6	139.0	18027.5	75.0	-84.3	-84.3	291.5	16.3	15.1	-6.0	438.1	438.1	99.9	99.9	95.4	95.0
66.3	148.5	20531.1	50.0	-59.7	-59.7	239.1	10.0	8.8	-5.1	503.0	503.0	99.9	99.9	98.5	96.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRUTU; EXCEEDS 5 CONTACTS

C-4

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS  
28 MARCH 1982  
210 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	4.9	79.0	1012.5	5.3	2.8	50.0	4.5	-3.4	-2.9	277.5	289.3	4.6	84.0	105	0
0.4	8.1	179.8	1000.0	2.3	1.2	92.4	8.6	-8.6	0.4	275.4	286.0	4.2	92.5	0.1	250.
1.1	8.4	383.8	975.0	0.1	-0.3	93.3	10.3	-10.3	0.6	275.2	285.1	3.6	97.3	0.4	257.
1.8	10.8	591.7	950.0	-0.7	-1.2	100.3	14.2	-14.2	2.5	276.4	285.9	3.7	98.4	0.9	272.
2.7	13.2	805.8	925.0	0.6	0.1	106.9	14.0	-13.4	4.1	279.9	290.7	4.2	98.7	1.7	276.
3.5	15.5	1028.3	900.0	1.6	1.1	124.6	9.7	-7.9	5.5	283.2	295.2	4.8	98.0	2.2	281.
4.3	17.9	1254.4	875.0	3.9	3.2	156.0	5.1	-2.1	4.7	287.9	302.4	5.5	95.1	2.5	286.
5.1	20.4	1490.8	850.0	4.0	3.2	243.2	1.4	1.3	4.7	290.4	305.5	5.7	94.2	2.6	289.
5.9	22.8	1733.4	825.0	3.0	2.1	351.8	2.0	0.4	-2.6	291.7	308.2	5.4	93.8	2.6	288.
6.8	25.3	1982.6	800.0	2.2	1.4	350.3	2.2	0.4	-2.2	293.5	307.9	5.3	94.5	2.5	284.
7.8	27.9	2238.8	775.0	0.6	0.1	312.5	3.1	3.2	-2.1	294.4	308.1	5.0	96.6	2.4	283.
8.6	30.4	2501.8	750.0	-0.9	-2.2	320.6	5.1	3.2	-2.9	295.6	307.6	4.3	90.6	2.3	280.
9.6	32.9	2771.7	725.0	-1.2	-2.7	322.6	6.6	4.0	-5.3	298.1	307.6	1.0	20.4	2.0	273.
10.5	35.6	3051.0	700.0	-1.2	-3.0	320.6	7.9	5.0	-5.3	302.8	302.8	1.1	24.4	1.8	263.
11.5	38.2	3338.8	675.0	-3.2	-3.7	314.1	9.4	8.8	-6.9	302.1	302.7	0.2	4.4	1.4	220.
12.6	40.9	3636.4	650.0	-4.2	-3.8	308.1	11.2	10.2	-7.1	305.3	304.9	0.2	4.8	1.5	191.
13.7	43.7	3944.1	625.0	-6.3	-4.0	305.0	12.4	11.9	-7.3	308.0	305.9	0.2	5.0	2.0	168.
14.8	46.6	4281.8	600.0	-8.8	-4.1	301.4	13.9	13.6	-8.6	309.9	308.6	0.2	4.8	2.8	152.
15.9	49.3	4591.5	575.0	-10.4	-4.8	302.2	16.1	14.7	-10.0	311.8	310.5	0.1	4.1	3.8	144.
17.1	52.3	4935.0	550.0	-12.8	-4.4	304.3	17.8	16.2	-10.7	313.0	312.5	0.1	4.4	5.3	138.
18.4	55.3	5291.5	525.0	-15.1	-5.6	303.4	19.4	18.2	-10.9	314.7	313.1	0.1	5.0	6.8	135.
19.7	58.3	5661.8	500.0	-18.8	-6.2	303.9	19.5	18.6	-9.9	314.7	315.1	0.1	5.5	8.3	133.
21.0	61.4	6047.0	475.0	-22.1	-6.0	300.8	19.4	18.6	-10.1	315.5	315.8	0.1	6.3	9.9	131.
22.4	64.6	6447.1	450.0	-25.1	-6.7	298.5	21.2	20.9	-13.6	316.9	317.3	0.1	9.0	11.7	128.
23.7	67.9	6864.6	425.0	-28.8	-7.3	303.1	25.0	23.4	-18.2	321.5	321.8	0.1	8.1	17.0	128.
25.3	71.3	7305.0	400.0	-29.5	-5.1	307.8	29.6	27.8	-21.7	322.6	322.9	0.1	7.9	20.5	128.
26.7	74.7	7769.3	375.0	-33.4	-5.8	307.9	35.3	33.4	-20.0	323.7	323.9	0.0	8.8	24.7	127.
28.2	78.3	8257.9	350.0	-37.1	-5.7	303.7	40.1	38.2	-17.6	325.5	325.7	0.0	98.9	23.2	125.
29.9	82.1	8774.2	325.0	-41.1	-5.9	297.6	43.1	37.4	-19.8	327.4	327.7	0.0	99.9	33.9	124.
31.7	86.0	9322.9	300.0	-46.4	-5.9	295.3	41.3	35.1	-20.9	328.0	328.0	0.0	99.9	39.7	123.
33.7	90.2	9908.0	275.0	-51.0	-5.9	298.0	42.1	30.7	-14.9	330.2	330.2	0.0	99.9	44.0	123.
35.8	94.4	10534.8	250.0	-56.8	-5.9	295.8	40.4	28.9	-14.9	331.4	331.4	0.0	99.9	50.1	122.
38.1	99.0	11231.3	225.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
40.5	104.0	11950.3	200.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
42.9	108.9	12699.9	175.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
45.9	113.9	13499.9	150.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
48.9	118.9	14299.9	125.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
51.9	123.9	15099.9	100.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
54.9	128.9	15899.9	75.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
57.9	133.9	16699.9	50.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9
60.9	138.9	17499.9	25.0	-59.8	-5.9	299.9	34.2	28.9	-14.9	338.1	338.1	0.0	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS  
-28 MARCH 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	399.9	978.4	2.4	1.5	90.0	4.1	-4.1	0.0	277.4	288.6	4.4	94.0	0.0	0.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	9.3	410.6	975.0	2.3	1.5	90.2	4.7	-4.7	0.0	277.5	288.6	4.4	94.1	0.0	0.0
0.0	11.9	620.1	950.0	0.7	0.5	90.2	8.2	-8.2	0.0	277.9	288.7	4.2	93.4	0.4	264.
1.4	14.5	834.0	925.0	-0.8	-0.8	87.9	9.0	-9.0	-0.3	278.5	288.6	3.9	99.4	0.7	268.
2.2	17.1	1052.5	900.0	-2.1	-2.3	82.6	9.2	-9.2	0.4	279.4	288.7	3.6	98.1	1.2	267.
2.9	19.8	1277.2	875.0	0.0	-0.4	103.1	8.3	-8.0	1.9	283.8	295.1	4.3	97.2	1.5	270.
3.7	22.4	1510.4	850.0	0.9	0.4	118.8	4.8	-4.1	2.1	287.1	299.5	4.7	96.6	1.8	273.
4.5	25.0	1750.8	825.0	1.2	0.6	65.1	1.3	-1.1	-0.5	289.8	302.9	4.9	98.2	1.9	275.
5.3	27.8	1998.3	800.0	0.2	-0.3	34.7	1.0	0.3	-1.0	291.4	304.0	4.7	96.3	1.9	273.
6.1	30.2	2252.7	775.0	-1.0	-1.5	290.7	2.9	3.6	-1.4	292.7	304.8	4.4	95.8	1.9	272.
6.9	33.0	2514.5	750.0	-1.7	-1.8	290.3	10.2	9.5	-3.5	294.7	301.1	2.2	95.7	1.6	269.
7.8	35.8	2783.6	725.0	-3.3	-13.4	298.0	13.1	11.6	-6.2	295.9	301.3	1.9	45.4	1.0	249.
8.7	38.6	3060.6	700.0	-4.8	-16.9	289.9	11.9	11.2	-4.1	297.2	301.3	0.8	37.7	0.8	161.
9.6	41.4	3346.1	675.0	-6.2	-24.2	283.9	9.9	9.7	-2.4	298.7	301.3	0.4	23.1	0.8	127.
10.6	44.3	3640.2	650.0	-8.1	-31.0	277.8	8.0	7.9	-1.2	299.9	304.1	0.5	13.7	1.2	139.
11.7	47.2	3944.4	625.0	-8.7	-30.5	280.5	8.3	8.3	-1.1	302.5	304.1	0.5	15.1	1.6	127.
12.6	50.1	4260.4	600.0	-9.6	-30.7	283.4	10.2	10.0	-1.9	305.0	306.6	0.5	16.0	2.1	120.
13.6	53.1	4597.8	575.0	-11.7	-30.8	287.7	10.8	10.5	-2.5	308.3	308.0	0.5	18.6	2.7	116.
14.6	56.3	4927.3	550.0	-13.2	-30.6	287.7	10.3	9.8	-3.1	308.4	310.2	0.5	21.4	3.4	114.
15.6	59.4	5280.2	525.0	-15.1	-31.8	285.2	10.8	10.4	-2.6	310.3	312.0	0.3	22.7	4.2	113.
16.0	62.5	5646.1	500.0	-18.6	-37.7	279.6	12.3	12.1	-2.0	312.2	313.0	0.2	16.7	5.0	111.
18.5	65.8	8028.5	475.0	-20.8	-40.8	281.1	17.3	16.9	-3.3	315.4	316.1	0.2	14.6	6.0	109.
19.9	69.1	8425.0	450.0	-22.2	-42.3	281.1	21.9	21.5	-4.2	316.8	317.4	0.2	14.1	7.7	107.
21.4	72.4	8843.1	425.0	-25.2	-47.7	280.7	24.2	23.8	-4.5	318.8	318.3	0.1	14.2	12.3	105.
23.1	76.0	9280.3	400.0	-28.6	-49.7	279.6	26.2	25.8	-4.4	320.1	320.5	0.1	14.3	14.8	104.
24.6	79.6	9739.8	375.0	-31.4	-52.2	278.1	29.4	29.1	-4.2	322.4	322.7	0.1	14.4	17.8	103.
26.2	83.3	8325.8	350.0	-34.4	-52.2	275.8	33.1	32.9	-3.4	323.7	324.0	0.1	14.9	21.5	101.
27.9	87.0	8739.5	325.0	-38.4	-55.2	272.7	39.9	39.9	-1.9	325.8	325.8	99.9	99.9	25.9	99.
29.7	91.0	9288.5	300.0	-42.3	-59.9	268.5	44.8	44.8	1.2	327.7	327.7	99.9	99.9	31.4	97.
31.6	95.0	9888.2	275.0	-46.6	-66.6	268.1	49.2	49.2	1.7	329.1	329.1	99.9	99.9	37.8	96.
33.8	99.5	10493.4	250.0	-51.8	-69.9	267.7	52.3	52.3	2.1	331.2	331.2	99.9	99.9	45.2	94.
36.1	104.0	11168.1	225.0	-57.0	-69.9	267.5	52.7	52.7	2.3	342.0	342.0	99.9	99.9	53.9	93.
38.9	109.0	11908.8	200.0	-57.3	-69.9	267.5	50.7	50.6	-0.5	359.3	359.3	99.9	99.9	62.0	93.
41.7	114.4	12757.2	175.0	-54.9	-69.9	270.8	44.3	44.3	-1.5	370.8	370.8	99.9	99.9	70.6	93.
45.0	120.2	13736.6	150.0	-57.6	-69.9	272.2	40.2	40.2	-4.3	380.3	380.3	99.9	99.9	77.2	92.
48.5	126.7	14871.9	125.0	-63.4	-69.9	262.4	32.5	32.2	-4.9	405.4	405.4	99.9	99.9	85.5	92.
53.1	134.3	16445.0	100.0	-63.3	-69.9	278.9	28.4	28.0	-2.7	437.2	437.2	99.9	99.9	91.5	92.
58.5	143.0	17998.5	75.0	-64.7	-69.9	257.6	12.5	12.2	-7.6	500.3	500.3	99.9	99.9	95.5	92.
66.5	154.0	20478.8	50.0	-60.8	-69.9	322.3	9.9	6.0	-2.8	628.8	628.8	99.9	99.9	96.4	93.
78.3	165.5	24854.5	25.0	-54.3	-69.9	163.2	9.8	-2.8	9.4						

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 1 CROWELL, TEXAS 27 MARCH 1982 1206 GMT															71	334.	0
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX XTO GM/KG	RH PCT	RANGE KM	AZ DG		
0.0	9.3	449.9	983.5	4.1	4.1	839.9	99.9	99.9	99.9	280.2	293.9	5.3	100.0	999.9	999.9		
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
0.2	10.5	564.7	950.0	3.8*	3.8*	999.9	99.9	99.9	99.9	281.1	999.9	99.9	999.9	999.9	999.9		
1.1	12.8	780.5	925.0	2.1	99.9	999.9	99.9	99.9	99.9	281.5	999.9	99.9	999.9	999.9	999.9		
2.0	15.2	1001.3	900.0	0.8	-0.0	999.9	99.9	99.9	99.9	282.3	999.9	4.2	94.2	999.9	999.9		
2.9	17.5	1227.7	875.0	0.1	-0.8	999.9	99.9	99.9	99.9	283.9	999.9	4.1	94.2	999.9	999.9		
3.7	19.8	1460.3	850.0	0.2	-0.7	999.9	99.9	99.9	99.9	286.3	999.9	4.3	93.8	999.9	999.9		
4.7	22.3	1700.0	825.0	0.2*	-0.7	999.9	99.9	99.9	99.9	288.8	999.9	4.4	93.8	999.9	999.9		
5.8	24.7	1947.0	800.0	0.2*	-0.7	999.9	99.9	99.9	99.9	291.3	999.9	4.5	93.8	999.9	999.9		
6.9	27.1	2201.8	775.0	0.2*	-0.7	999.9	99.9	99.9	99.9	294.0	999.9	4.7	93.8	999.9	999.9		
8.2	29.7	2465.1	750.0	-0.0	-1.0	999.9	99.9	99.9	99.9	296.6	999.9	4.8	93.8	999.9	999.9		
9.4	32.2	2736.8	725.0	-0.7	-1.7	999.9	99.9	99.9	99.9	298.7	999.9	4.7	92.7	999.9	999.9		
10.6	34.7	3017.3	700.0	-1.5*	-2.5	999.9	99.9	99.9	99.9	300.9	999.9	4.6	92.9	999.9	999.9		
12.0	37.3	3306.9	675.0	-2.8*	-3.7	999.9	99.9	99.9	99.9	302.5	999.9	4.3	93.6	999.9	999.9		
13.3	39.9	3605.3	650.0	-4.9*	-5.8	999.9	99.9	99.9	99.9	303.5	999.9	3.8	93.6	999.9	999.9		
14.6	42.6	3913.1	625.0	-8.7	-7.8	999.9	99.9	99.9	99.9	304.6	999.9	3.1	92.1	999.9	999.9		
16.0	45.3	4231.4	600.0	-8.4	-9.5	999.9	99.9	99.9	99.9	306.5	999.9	3.1	91.2	999.9	999.9		
17.5	48.0	4580.8	575.0	-10.2	-11.5	999.9	99.9	99.9	99.9	308.1	999.9	2.8	89.8	999.9	999.9		
18.7	50.8	4902.3	550.0	-12.6	-14.3	999.9	99.9	99.9	99.9	309.2	999.9	2.3	86.9	999.9	999.9		
20.1	53.6	5256.1	525.0	-15.3	-17.5	999.9	99.9	99.9	99.9	310.9	999.9	1.8	83.2	999.9	999.9		
21.6	56.6	5622.9	500.0	-18.2	-20.8	999.9	99.9	99.9	99.9	312.5	999.9	1.4	79.4	999.9	999.9		
23.0	59.6	6004.4	475.0	-20.6**	99.9	999.9	99.9	99.9	99.9	314.6	999.9	99.9	999.9	999.9	999.9		
24.8	62.8	6402.6	450.0	-22.8**	99.9	999.9	99.9	99.9	99.9	316.9	999.9	99.9	999.9	999.9	999.9		
26.5	66.0	6819.7	425.0	-25.0**	99.9	999.9	99.9	99.9	99.9	319.4	999.9	99.9	999.9	999.9	999.9		
28.4	69.4	7258.3	400.0	-27.1**	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999.9		
30.3	73.0	7720.1	375.0	-30.6*	-34.3	999.9	99.9	99.9	99.9	322.1	999.9	0.0	5.7	999.9	999.9		
31.9	76.7	8206.6	350.0	-34.3	-61.6	999.9	99.9	99.9	99.9	322.1	999.9	0.0	4.5	999.9	999.9		
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 3 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 2  
HENRIETTA, TEXAS  
27 MARCH 1982  
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	287.5	985.6	4.0	2.5	60.0	5.2	-4.5	-2.6	278.3	280.2	4.7	90.0	0.0	0.0
99.9	9.0	375.1	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	278.3	280.2	99.9	99.9	999.9	999.9
0.4	9.0	375.1	975.0	3.1*	99.9	111.1	11.8	-11.0	4.2	278.3	280.2	99.9	99.9	0.3	299.9
1.0	11.3	585.1	950.0	1.7	0.7	121.4	13.0	-11.1	6.8	278.3	280.2	4.2	92.7	0.6	296.9
1.8	13.6	799.9	925.0	0.9	-0.2	135.3	14.3	-10.1	10.2	280.2	292.7	4.1	92.7	1.3	303.9
2.7	18.0	1020.1	900.0	0.8	-0.5	144.4	14.1	-8.2	11.5	280.2	292.7	4.1	92.7	2.1	310.9
3.4	18.4	1245.8	875.0	-1.0	-2.2	155.0	12.1	-5.1	11.0	282.8	292.7	3.7	91.6	2.6	314.9
4.3	20.8	1477.2	850.0	-0.2	99.9	166.5	10.5	-2.4	10.2	285.9	299.9	99.9	99.9	3.1	319.9
5.1	23.2	1715.9	825.0	-0.6	-2.1	183.7	9.2	0.6	8.2	288.0	299.9	4.0	89.1	3.5	323.9
6.0	25.7	1962.1	800.0	-1.1	-2.8	204.4	9.7	4.0	6.9	290.0	306.6	3.9	86.3	3.9	329.9
6.8	28.1	2215.1	775.0	-1.5	-3.4	231.1	11.8	9.2	7.4	292.2	306.6	3.9	87.2	4.1	335.9
7.8	30.5	2476.9	750.0	-0.7	99.9	253.1	15.0	14.3	4.4	295.8	306.6	99.9	99.9	4.2	346.9
8.8	33.1	2747.8	725.0	-0.3	99.9	252.7	18.9	16.2	4.7	299.2	306.6	99.9	99.9	4.3	359.9
9.7	35.7	3027.8	700.0	-1.0	99.9	252.5	17.0	16.2	5.1	301.3	306.6	99.9	99.9	4.7	10.9
10.6	38.2	3316.7	675.0	-2.7	99.9	256.7	15.9	15.5	3.7	304.0	306.6	99.9	99.9	5.1	19.9
11.5	40.6	3514.7	650.0	-4.4	99.9	266.0	15.1	15.0	1.0	304.0	306.6	2.8	75.8	5.6	26.9
12.6	42.6	3622.1	625.0	-6.8	-10.4	267.1	15.2	15.1	0.8	304.7	312.9	2.8	99.9	6.1	34.9
14.0	46.3	4239.4	600.0	-9.5**	99.9	264.5	15.0	15.1	1.4	305.2	312.9	99.9	99.9	6.9	43.9
15.4	49.1	4568.6	575.0	-11.7**	99.9	264.0	15.9	15.8	1.7	305.3	312.9	99.9	99.9	8.0	49.9
16.8	51.9	4905.5	550.0	-14.0**	99.9	259.3	17.3	17.0	3.2	307.5	312.9	99.9	99.9	9.2	57.9
18.3	54.9	5258.9	525.0	-16.4**	99.9	259.1	14.7	14.5	2.6	308.7	312.9	99.9	99.9	10.6	67.9
19.8	57.9	5622.1	500.0	-18.5**	99.9	268.1	12.3	12.3	0.4	310.0	312.9	99.9	99.9	11.6	80.9
21.3	60.9	6002.3	475.0	-21.3**	99.9	268.6	15.8	15.7	0.9	311.6	312.9	99.9	99.9	12.7	82.9
23.0	64.0	6398.5	450.0	-24.6	-43.0	999.9	99.9	99.9	99.9	312.3	314.0	0.5	43.2	999.9	999.9
25.3	67.1	6812.6	425.0	-27.2	99.9	99.9	99.9	99.9	99.9	314.1	314.8	0.2	20.4	999.9	999.9
29.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
39.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
49.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
69.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
79.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
89.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
109.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
119.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
129.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
139.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
149.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
159.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
169.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
179.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3  
DURANT, OKLAHOMA  
27 MARCH 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	211.0	1000.5	4.5	3.5	60.0	5.2	-4.5	-2.6	277.6	290.1	4.9	93.0	0.0	0.
0.2	6.8	215.1	1000.0	4.3	2.8	99.9	99.9	99.9	99.9	277.4	289.4	4.7	90.4	99.9	99.9
1.2	9.3	420.4	975.0	2.2	-0.1	99.9	99.9	99.9	99.9	277.4	287.4	3.9	84.7	99.9	99.9
1.6	11.6	829.8	950.0	0.6	-0.2	99.9	99.9	99.9	99.9	277.6	288.0	4.0	94.3	99.9	99.9
2.1	14.1	843.5	925.0	0.6	-1.1	99.9	99.9	99.9	99.9	278.7	288.6	3.8	96.6	99.9	99.9
2.7	16.5	1082.3	900.0	-2.0	-2.4	99.9	99.9	99.9	99.9	279.4	288.7	3.6	97.0	99.9	99.9
3.7	18.9	1285.8	875.0	-3.4	-3.5	99.9	99.9	99.9	99.9	280.3	289.1	3.4	98.9	99.9	99.9
4.8	21.4	1515.6	850.0	-2.8	-3.2	99.9	99.9	99.9	99.9	283.2	292.7	3.6	97.4	99.9	99.9
5.8	23.9	1753.2	825.0	-1.9	-2.2	99.9	99.9	99.9	99.9	286.7	297.2	3.9	97.1	99.9	99.9
7.0	26.4	1998.4	800.0	-1.6	-1.9	320.2	3.0	1.9	-2.3	289.4	300.7	4.2	97.9	2.5	289.
8.3	29.0	2251.3	775.0	-3.0	-2.1	340.0	3.8	1.3	-3.1	291.6	303.2	4.2	99.1	2.3	283.
9.5	31.6	2512.1	750.0	-2.0	-2.1	294.1	5.4	3.2	-1.5	293.4	304.5	4.1	98.0	2.1	278.
10.7	34.2	2781.1	725.0	-1.9	-2.3	268.0	5.4	5.4	0.2	297.4	309.8	4.5	98.9	1.8	280.
12.4	36.8	3080.2	700.0	-2.8	-4.3	99.9	99.9	99.9	99.9	300.5	310.8	4.0	98.5	1.2	289.
14.3	39.5	3348.0	675.0	-4.6**	-9.9	99.9	99.9	99.9	99.9	301.2	311.1	99.9	99.9	99.9	99.9
16.1	42.2	3643.6	650.0	-8.8**	-9.9	99.9	99.9	99.9	99.9	302.0	311.1	99.9	99.9	99.9	99.9
18.0	45.0	3948.2	625.0	-9.1**	-9.9	99.9	99.9	99.9	99.9	302.9	311.1	99.9	99.9	99.9	99.9
20.0	47.8	4262.6	600.0	-11.4**	-9.9	99.9	99.9	99.9	99.9	304.4	307.5	99.9	99.9	99.9	99.9
21.9	50.6	4587.6	575.0	-13.3	-33.8	99.9	99.9	99.9	99.9	305.7	307.5	0.4	15.9	99.9	99.9
23.9	53.5	4925.0	550.0	-15.0	-34.4	281.9	9.8	9.8	-2.5	308.2	309.4	0.3	17.2	8.0	94.
25.9	56.5	5275.5	525.0	-18.8	-36.0	278.3	10.5	10.4	-1.1	308.3	309.4	0.3	17.4	7.2	95.
28.1	59.6	5640.7	500.0	-18.7	-39.2	285.5	11.4	11.0	-2.1	310.2	311.1	0.2	14.3	8.7	98.
30.2	62.6	6021.3	475.0	-20.6	-41.6	291.8	14.9	13.8	-5.5	312.5	313.2	0.2	13.1	10.2	98.
32.6	65.0	6419.3	450.0	-23.2	-38.7	295.9	19.6	17.6	-8.5	314.1	315.2	0.3	22.5	12.6	101.
34.9	69.3	6835.3	425.0	-26.4	-39.3	295.8	20.5	18.4	-8.9	315.2	316.2	0.3	26.2	15.3	104.
37.1	72.6	7270.0	400.0	-30.4	-47.5	295.6	20.7	18.6	-8.9	315.6	316.0	0.1	14.6	18.0	104.
39.5	76.1	7725.3	375.0	-34.0	-51.7	291.0	24.1	22.5	-8.7	316.6	316.9	0.1	14.6	21.0	107.
42.3	79.8	8207.9	350.0	-35.0	-59.3	286.8	35.4	33.9	-10.2	321.6	321.8	0.1	8.3	26.0	107.
45.2	83.7	8722.0	325.0	-37.9	-59.5	283.3	39.0	37.9	-9.0	324.4	324.6	0.0	99.9	32.5	107.
48.0	87.7	9268.7	300.0	-42.1	-99.9	280.1	41.5	40.8	-7.3	326.0	326.0	99.9	99.9	39.5	105.
50.9	92.0	9851.4	275.0	-45.1	-99.9	275.6	43.6	43.4	-4.2	328.4	328.4	99.9	99.9	46.3	105.
54.1	96.5	10480.5	250.0	-49.5	-99.9	273.2	44.7*	44.7	-2.5	332.4	332.4	99.9	99.9	55.5	103.
57.4	101.2	11164.9	225.0	-53.5	-99.9	273.4	45.1*	45.0	-2.7	336.6	336.6	99.9	99.9	63.9	101.
61.0	106.4	11920.0	200.0	-53.9	-99.9	276.2	43.9*	43.7	-4.7	347.4	347.4	99.9	99.9	73.6	101.
64.9	111.8	12779.6	175.0	-53.8	-99.9	274.5	46.1*	46.0	-3.6	361.1	361.1	99.9	99.9	83.2	100.
69.8	118.0	13761.8	150.0	-56.8	-99.9	279.4	45.5*	44.9	-7.4	372.2	372.2	99.9	99.9	98.0	100.
74.9	124.3	14915.6	125.0	-58.7	-99.9	278.4	48.5*	48.0	-6.8	388.7	388.7	99.9	99.9	109.1	100.
81.0	131.7	16307.4	100.0	-60.3	-99.9	282.0	50.8*	49.5	-10.5	411.3	411.3	99.9	99.9	131.4	99.
89.7	140.0	18097.4	75.0	-62.1	-99.9	285.8	21.2*	20.3	-6.1	442.7	442.7	99.9	99.9	143.3	100.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 3  
DURANT, OKLAHOMA  
28 MARCH 1982  
207 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.9	211.0	999.5	4.5	3.0	45.0	1.0	-0.7	-0.7	277.7	285.8	4.8	90.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.8	8.2	413.0	975.0	3.2	0.3	99.9	99.9	99.9	99.9	278.4	288.7	4.0	81.1	99.9	999.9
1.5	10.5	623.4	950.0	1.9	-1.7	999.9	99.9	99.9	99.9	279.1	288.4	3.8	77.5	999.9	999.9
2.3	12.9	838.1	925.0	0.6	-4.1	86.0	8.5	98.5	-0.6	280.0	288.0	3.0	70.3	0.0	272.0
3.0	15.3	1058.0	900.0	-0.1	-5.4	106.6	14.1	-13.5	4.0	281.4	289.0	2.8	67.2	1.5	276.0
3.8	17.6	1283.3	875.0	-1.3	-4.2	120.0	12.2	-10.6	6.1	282.4	291.0	3.2	80.8	2.2	280.0
4.4	20.0	1513.8	850.0	-2.7	-2.9	134.1	8.3	-5.9	5.7	283.3	293.0	3.7	99.0	2.6	286.0
5.4	22.5	1751.6	825.0	-1.9	-1.9	115.9	3.5	-3.2	1.5	286.6	297.4	4.0	99.5	2.9	289.0
6.3	24.9	1998.3	800.0	-2.3	-2.4	67.7	3.2	-3.0	-1.2	288.7	299.6	4.0	99.1	3.0	287.0
7.2	27.4	2248.6	775.0	-2.8	-2.9	355.9	1.8	0.1	-1.8	290.8	301.7	4.0	99.0	3.1	285.0
8.1	29.9	2508.2	750.0	-4.2	-4.3	275.5	4.2	0.1	-0.4	292.0	302.3	3.7	99.4	3.0	285.0
9.0	32.5	2777.9	725.0	-2.0	-4.0	278.4	8.0	7.9	-1.2	297.3	308.4	4.0	87.0	2.6	287.0
9.9	35.0	3056.1	700.0	-3.5	-8.2	280.8	8.7	8.6	-1.6	298.6	308.1	2.9	89.5	2.1	288.0
10.8	37.7	3342.7	675.0	-5.9	-8.0	281.1	7.8	7.7	-1.5	299.4	308.3	3.1	83.5	1.7	290.0
11.6	40.4	3638.4	650.0	-6.9	-7.2	285.3	7.2	6.9	-1.9	301.2	311.1	3.4	97.6	1.3	293.0
12.6	43.1	3943.1	625.0	-9.2	-22.5	292.8	6.2	6.2	-2.6	302.0	305.1	1.0	32.9	0.9	294.0
13.8	45.9	4258.2	600.0	-10.6	-21.2	999.9	99.9	99.9	99.9	303.9	307.5	99.9	999.9	999.9	999.9
15.1	48.7	4585.1	575.0	-11.9**	99.9	999.9	99.9	99.9	99.9	306.0	999.9	99.9	999.9	999.9	999.9
16.4	51.5	4923.9	550.0	-13.9**	99.9	999.9	99.9	99.9	99.9	307.7	999.9	99.9	999.9	999.9	999.9
17.9	54.4	5275.8	525.0	-15.9**	99.9	999.9	99.9	99.9	99.9	309.3	999.9	99.9	999.9	999.9	999.9
19.4	57.4	5641.9	500.0	-18.1**	99.9	999.9	99.9	99.9	99.9	311.0	999.9	99.9	999.9	999.9	999.9
20.9	60.4	6023.4	475.0	-20.4	99.9	999.9	99.9	99.9	99.9	312.8	999.9	99.9	999.9	999.9	999.9
22.4	63.5	6421.5	450.0	-23.5	-43.4	999.9	99.9	99.9	99.9	313.7	999.9	0.2	14.0	6.5	110.0
24.1	66.8	6838.2	425.0	-27.3	-48.8	289.1	17.5	18.5	-5.7	314.0	314.5	0.1	14.1	8.3	110.0
26.2	70.1	7270.0	400.0	-30.0	-46.8	285.8	18.3	17.6	-5.3	316.0	316.4	0.1	13.9	10.4	110.0
28.2	73.6	7726.1	375.0	-33.8	-51.7	283.5	22.7	22.1	-5.7	316.9	317.2	0.1	14.2	12.9	109.0
30.2	77.1	8206.6	350.0	-36.5	-54.0	281.8	28.1	27.6	-6.9	319.6	319.8	99.9	999.9	15.8	108.0
32.3	80.9	8717.6	325.0	-39.7	99.9	282.0	33.4	32.7	-6.1	321.9	999.9	99.9	999.9	19.8	107.0
34.7	84.7	9260.6	300.0	-43.5	99.9	279.4	37.2	36.7	-4.5	324.1	999.9	99.9	999.9	24.9	105.0
37.2	88.6	9841.3	275.0	-47.1	99.9	275.7	41.5	41.3	-4.4	327.0	999.9	99.9	999.9	30.6	104.0
39.8	93.0	10466.3	250.0	-50.7	99.9	275.7	44.3	44.1	-4.8	330.7	999.9	99.9	999.9	37.5	102.0
42.7	97.6	11146.2	225.0	-54.7	99.9	275.8	47.8	47.6	-5.1	334.6	999.9	99.9	999.9	45.2	101.0
45.7	102.5	11896.9	200.0	-53.2	99.9	277.3	40.2	39.8	-5.1	345.4	999.9	99.9	999.9	53.6	101.0
49.2	107.8	12752.9	175.0	-54.8	99.9	275.5	40.8	40.6	-3.9	359.4	999.9	99.9	999.9	81.8	100.0
53.0	113.5	13734.4	150.0	-58.2	99.9	999.9	99.9	99.9	99.9	373.2	999.9	99.9	999.9	999.9	999.9
57.5	120.0	14885.0	125.0	-58.7	99.9	999.9	99.9	99.9	99.9	388.7	999.9	99.9	999.9	999.9	999.9
62.3	127.3	16275.2	100.0	-60.3	99.9	999.9	99.9	99.9	99.9	411.2	999.9	99.9	999.9	999.9	999.9
68.4	136.0	18059.7	75.0	-62.3	99.9	999.9	99.9	99.9	99.9	442.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 4  
THROCKMORTON, TEXAS  
28 MARCH 1982  
213 GMT

119 108. 0

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8 8	404.8	975.6	3.4	3.0	999.9	99.9	99.9	99.9	278.5	290.9	4.9	97.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0 1	9 0	409.8	975.0	2.8	1.9	999.9	99.9	99.9	99.9	278.0	299.5	4.5	93.7	999.9	999.9
0 8	11.4	619.7	950.0	1.3	0.4	999.9	99.9	99.9	99.9	278.5	299.2	4.1	93.2	999.9	999.9
1 7	13.7	834.1	925.0	0.0	-0.9	999.9	99.9	99.9	99.9	279.3	288.3	3.9	93.9	999.9	999.9
2 4	16.1	1053.2	900.0	-1.2	-2.7	999.9	99.9	99.9	99.9	280.2	289.4	3.5	93.7	999.9	999.9
3 2	18.4	1278.3	875.0	-0.6	-2.0	999.9	99.9	99.9	99.9	283.2	289.4	3.8	90.5	999.9	999.9
4 2	20.9	1510.9	850.0	0.4	-1.1	999.9	99.9	99.9	99.9	288.5	297.6	4.2	89.8	999.9	999.9
5 0	23.3	1750.3	825.0	-0.2	-1.7	999.9	99.9	99.9	99.9	288.4	299.4	4.1	90.5	999.9	999.9
5 8	25.7	1998.7	800.0	-0.9	-2.3	999.9	99.9	99.9	99.9	290.2	301.2	3.9	89.6	999.9	999.9
6 7	28.2	2250.0	775.0	-1.8	-3.3	999.9	99.9	99.9	99.9	291.8	302.4	4.0	88.5	999.9	999.9
7 5	30.7	2511.8	750.0	-0.8	-3.3	999.9	99.9	99.9	99.9	295.7	306.9	4.0	83.5	999.9	999.9
8 5	33.3	2781.9	725.0	-2.9	-3.9	999.9	99.9	99.9	99.9	298.2	309.9	99.9	99.9	999.9	999.9
9 5	35.9	3059.0	700.0	-3.6	-4.4	999.9	99.9	99.9	99.9	298.5	309.9	99.9	99.9	999.9	999.9
10 6	38.5	3346.4	675.0	-4.4	-5.7	999.9	99.9	99.9	99.9	300.8	307.8	99.9	99.9	999.9	999.9
11 8	41.1	3642.8	650.0	-5.7	-6.8	999.9	99.9	99.9	99.9	302.5	309.9	99.9	99.9	999.9	999.9
12 7	43.9	3949.8	625.0	-6.8	-7.9	999.9	99.9	99.9	99.9	304.7	309.9	99.9	99.9	999.9	999.9
13 9	46.7	4287.8	600.0	-7.9	-8.9	999.9	99.9	99.9	99.9	307.0	309.9	99.9	99.9	999.9	999.9
15 0	49.5	4597.7	575.0	-9.4	-12.0**	999.9	99.9	99.9	99.9	309.0	309.9	99.9	99.9	999.9	999.9
16 3	52.3	4939.4	550.0	-12.0**	-14.8**	999.9	99.9	99.9	99.9	309.8	309.9	99.9	99.9	999.9	999.9
17 7	55.3	5283.3	525.0	-14.8**	-17.7**	999.9	99.9	99.9	99.9	310.6	309.9	99.9	99.9	999.9	999.9
19 1	58.4	5660.4	500.0	-17.7**	-20.4	999.9	99.9	99.9	99.9	312.7	309.9	99.9	99.9	999.9	999.9
20 5	61.4	6042.2	475.0	-20.4	-23.2	999.9	99.9	99.9	99.9	314.1	314.2	0.0	1.0	999.9	999.9
22 1	64.8	6440.1	450.0	-23.2	-25.6	999.9	99.9	99.9	99.9	316.2	316.2	0.0	1.0	999.9	999.9
23 6	67.8	6858.6	425.0	-25.6	-28.1	999.9	99.9	99.9	99.9	317.2	317.2	0.0	1.0	999.9	999.9
25 3	71.1	7293.0	400.0	-28.1	-30.6	999.9	99.9	99.9	99.9	319.0	319.0	0.0	1.0	999.9	999.9
27 0	74.6	7751.6	375.0	-32.2	-33.2	999.9	99.9	99.9	99.9	320.1	320.1	0.0	1.0	999.9	999.9
28 8	78.1	8234.6	350.0	-36.1	-36.1	999.9	99.9	99.9	99.9	322.8	322.7	0.0	1.0	999.9	999.9
30 6	81.8	8745.9	325.0	-39.2	-39.2	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
32 5	85.7	9288.1	300.0	-43.6	-43.6	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
34 7	89.8	9868.4	275.0	-47.6	-47.6	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
37 1	94.2	10492.8	250.0	-51.6	-51.6	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
39 6	98.8	11175.1	225.0	-55.5	-55.5	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
42 2	103.5	11917.7	200.0	-59.1	-59.1	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
45 3	108.8	12739.6	175.0	-55.3	-55.3	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
48 7	114.5	13749.8	150.0	-57.1	-57.1	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
52 5	121.0	14897.4	125.0	-58.7	-58.7	999.9	99.9	99.9	99.9	326.4	326.4	99.9	99.9	999.9	999.9
59 9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 8  
ABILENE, TEXAS

27 MARCH 1982  
1150 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	531.9	954.6	5.7	4.5	120.0	5.5	-4.8	2.7	282.6	286.9	5.5	92.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.8	571.4	950.0	5.2	4.1	124.2	6.7	-5.6	3.8	282.5	286.9	99.9	99.9	0.1	327.
1.1	13.9	788.1	925.0	3.1	1.9	133.5	8.9	-5.0	4.8	282.5	286.9	99.9	99.9	0.5	304.
2.1	16.3	1009.4	900.0	1.9	0.8	149.0	8.1	-4.2	6.9	283.5	286.9	99.9	99.9	0.9	312.
2.9	18.6	1238.0	875.0	1.8	0.7	180.3	9.6	0.1	8.9	283.5	286.9	99.9	99.9	1.3	322.
3.8	21.0	1489.8	850.0	2.5	1.5	205.7	12.5	5.4	11.3	285.7	286.9	99.9	99.9	1.7	338.
4.7	23.4	1712.0	825.0	3.4	2.0	219.9	15.9	10.9	13.0	288.8	286.9	99.9	99.9	2.2	355.
5.6	25.8	1962.5	800.0	4.1	2.6	233.6	17.1	13.8	10.2	292.2	286.9	99.9	99.9	3.0	10.
6.6	28.3	2220.6	775.0	2.7	1.0	263.0	13.5	13.4	1.6	296.7	286.9	99.9	99.9	3.5	22.
7.6	30.8	2485.7	750.0	1.4	-0.3	274.8	13.0	13.0	-1.1	298.1	286.9	99.9	99.9	3.9	33.
8.6	33.3	2758.7	725.0	0.3	-0.9	275.5	11.4	11.4	-1.1	299.8	286.9	99.9	99.9	4.3	42.
9.6	35.8	3039.6	700.0	-1.4	-2.6	269.7	12.5	12.5	0.1	301.9	286.9	99.9	99.9	4.7	49.
10.5	38.4	3328.4	675.0	-3.5*	-8.1	261.4	15.0	14.8	2.0	301.8	286.9	99.9	99.9	5.3	53.
11.4	41.1	3625.8	650.0	-5.5	-11.9	257.6	15.1	15.0	2.3	302.3	286.9	99.9	99.9	5.7	57.
13.0	43.8	3932.6	625.0	-8.0	-12.1	254.7	16.6	16.2	3.5	303.3	286.9	99.9	99.9	6.1	61.
14.2	46.6	4248.9	600.0	-10.3	-17.8	254.7	17.4	17.4	4.8	304.2	286.9	99.9	99.9	6.7	64.
15.4	49.3	4575.6	575.0	-13.0	-25.4	254.7	18.0	17.4	4.6	304.8	286.9	99.9	99.9	7.4	65.
17.0	52.2	4913.3	550.0	-14.8	-41.5	258.2	22.3	21.9	4.2	306.5	286.9	99.9	99.9	8.7	67.
18.3	55.1	5264.5	525.0	-15.5	-48.5	262.8	27.4	27.1	3.4	309.8	286.9	99.9	99.9	9.9	69.
19.9	58.1	5632.4	500.0	-15.8	-49.5	268.1	32.4	32.2	3.6	313.8	286.9	99.9	99.9	10.4	71.
21.5	61.1	6018.5	475.0	-16.9	-51.9	268.1	34.7	34.7	1.2	317.0	286.9	99.9	99.9	19.5	74.
23.1	64.3	6422.6	450.0	-19.3	-53.9	270.7	33.7	33.7	-0.4	319.0	286.9	99.9	99.9	22.7	76.
24.7	67.5	6845.9	425.0	-21.7	-55.3	267.2	35.1	35.1	1.7	321.2	286.9	99.9	99.9	25.9	78.
26.4	70.9	7289.0	400.0	-24.8	-54.2	268.8	35.5	35.5	0.1	321.2	286.9	99.9	99.9	29.4	79.
28.3	74.3	7755.7	375.0	-28.0	-56.6	272.9	45.3	45.3	-2.3	322.6	286.9	99.9	99.9	34.0	81.
30.2	77.9	8248.0	350.0	-31.3	-56.9	283.9	99.9	99.9	99.9	326.5	286.9	99.9	99.9	39.0	83.
32.4	81.6	8769.0	325.0	-35.0**	-59.9	283.9	99.9	99.9	99.9	328.4	286.9	99.9	99.9	43.7	85.
35.1	85.5	9322.5	300.0	-39.1**	-59.9	283.9	99.9	99.9	99.9	332.6	286.9	99.9	99.9	48.8	87.
37.5	89.5	9914.1	275.0	-43.1*	-59.9	283.9	99.9*	60.8	-12.3	338.5	286.9	99.9	99.9	57.8	88.
39.9	93.8	10550.5	250.0	-47.7*	-59.9	283.9	99.9*	99.9	99.9	344.8	286.9	99.9	99.9	69.9	99.
42.7	98.2	11239.2	225.0	-52.2	-59.9	283.9	99.9	99.9	99.9	355.3	286.9	99.9	99.9	105.3	92.
45.5	103.2	11994.2	200.0	-55.5*	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
49.1	108.6	12841.8	175.0	-57.3	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
52.8	114.4	13809.6	150.0	-60.4*	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
57.6	121.0	14939.1	125.0	-61.9**	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
62.6	128.3	16320.9	100.0	-60.7*	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
68.8	137.3	18115.4	75.0	-60.2*	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
77.5	147.5	20656.7	50.0	-56.7	-59.9	283.9	99.9	99.9	99.9	366.0	286.9	99.9	99.9	105.3	92.
91.4	158.5	25126.6	25.0	-49.6	-59.9	175.2	27.3*	-2.3	27.2	642.3	286.9	99.9	99.9	182.0	96.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS

27 MARCH 1982  
1145 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	184.1	997.8	8.4	5.3	180.0	4.5	-1.5	4.2	281.7	286.2	5.8	81.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	9.1	373.5	975.0	4.7	4.0	99.9	99.9	99.9	99.9	279.9	293.0	5.2	94.5	99.9	99.9
1.6	11.3	585.0	950.0	3.3	2.5	99.9	99.9	99.9	99.9	280.6	293.0	4.8	94.5	99.9	99.9
2.5	13.7	801.4	925.0	3.0	2.2	99.9	99.9	99.9	99.9	283.5	295.5	4.9	94.2	99.9	99.9
3.3	16.1	1023.2	900.0	1.9	1.1	99.9	99.9	99.9	99.9	285.8	298.2	4.6	94.0	99.9	99.9
4.3	18.5	1250.7	875.0	1.9	0.7	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
5.2	21.0	1484.6	850.0	1.6	0.7	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
6.1	23.5	1727.3	825.0	5.3	4.3	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
7.1	25.9	1979.6	800.0	5.2	4.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
8.1	28.5	2238.9	775.0	4.1	-0.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
9.1	31.0	2505.2	750.0	2.8	-1.8	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
10.1	33.6	2779.3	725.0	1.3	-2.8	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
11.2	36.2	3081.4	700.0	-6.1	-3.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
12.3	38.9	3352.2	675.0	-1.7	-3.1	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
13.3	41.6	3652.5	650.0	-3.0	-4.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
14.4	44.3	3982.5	625.0	-4.8	-5.8	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
15.5	47.1	4283.1	600.0	-6.4	-7.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
16.7	50.0	4615.1	575.0	-8.1	-9.1	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
18.0	52.9	4960.2	550.0	-9.4	-10.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
19.3	55.8	5318.9	525.0	-11.9	-13.3	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
20.9	58.9	5691.1	500.0	-14.0	-15.5	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
22.5	62.0	6078.7	475.0	-16.8	-19.1	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
24.0	65.3	6482.6	450.0	-20.7	-28.4	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
25.5	68.5	6901.9	425.0	-24.3	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
26.8	71.9	7343.2	400.0	-25.0	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
28.6	75.4	7811.1	375.0	-26.7	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
30.6	79.0	8305.1	350.0	-30.7	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
32.9	82.8	8828.6	325.0	-35.3**	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
35.1	86.7	9379.2	300.0	-44.8	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
37.5	90.8	9967.3	275.0	-49.9	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
40.2	95.2	10597.7	250.0	-55.5	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
43.5	99.8	11278.0	225.0	-60.4	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
46.8	105.0	12019.5	200.0	-61.5	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
50.5	110.3	12851.1	175.0	-64.0	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
54.6	116.2	13798.4	150.0	-64.0	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
59.4	122.7	14918.1	125.0	-62.8	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
64.8	130.0	16295.1	100.0	-63.9	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
71.9	138.7	18052.3	75.0	-64.2	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
81.3	148.5	20550.3	50.0	-59.3	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9
95.1	159.0	24948.8	25.0	-54.1	-30.9	99.9	99.9	99.9	99.9	287.8	300.5	4.7	93.3	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 10  
MENARD, TEXAS

28 MARCH 1982  
000 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	598.3	954.3	4.6	4.5	90.0	2.0	-2.0	0.0	281.5	295.7	5.5	99.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	11.1	625.1	925.0	4.3**	4.3**	99.9	99.9	99.9	99.9	281.6	299.9	99.9	99.9	99.9	99.9
1.7	13.5	841.2	925.0	2.5**	2.5**	99.9	99.9	99.9	99.9	281.9	299.9	99.9	99.9	99.9	99.9
2.5	15.9	1061.7	925.0	0.8**	0.8**	99.9	99.9	99.9	99.9	282.3	299.9	99.9	99.9	99.9	99.9
3.3	18.3	1287.8	925.0	0.4	0.4	99.9	99.9	99.9	99.9	282.3	299.9	99.9	99.9	99.9	99.9
4.3	20.8	1522.0	850.0	2.6	1.8	99.9	99.9	99.9	99.9	284.2	295.4	4.2	93.8	99.9	99.9
5.2	23.2	1764.7	825.0	5.8	-1.0	44.0	4.5	-3.1	99.9	288.9	302.6	5.1	92.9	1.5	271.0
6.1	25.8	2017.8	800.0	7.2	-1.4	329.6	7.6	-2.3	99.9	294.7	305.6	4.3	91.8	1.5	271.0
7.1	28.3	2278.7	775.0	6.0	-1.4	315.2	7.7	2.3	99.9	298.8	311.0	4.3	91.8	1.5	271.0
8.0	30.9	2546.7	750.0	4.9	-6.1	318.6	7.6	5.4	99.9	300.2	309.3	3.2	91.8	1.5	271.0
9.0	33.5	2822.4	725.0	3.4	-19.3	310.1	14.3	7.6	99.9	301.9	305.4	1.1	91.8	1.5	271.0
10.1	36.2	3106.0	700.0	1.8	-20.3	300.4	16.7	11.0	99.9	303.2	306.5	1.0	91.8	1.5	271.0
11.0	38.9	3397.7	675.0	0.8	-21.7	295.7	17.9	14.4	99.9	304.5	307.5	1.0	91.8	1.5	271.0
12.0	41.6	3697.3	650.0	-3.7	-20.3	298.5	17.5	15.4	99.9	304.8	308.3	1.1	91.8	1.5	271.0
13.1	44.4	4005.3	625.0	-6.5	-27.6	297.9	15.7	12.9	99.9	305.0	308.8	0.6	91.8	1.5	271.0
14.3	47.3	4323.4	600.0	-7.6	-30.8	288.7	14.9	12.3	99.9	307.3	306.5	0.5	91.8	1.5	271.0
15.3	50.2	4654.2	575.0	-8.2	-42.5	277.7	17.5	14.3	99.9	310.4	307.8	0.1	91.8	1.5	271.0
16.4	53.1	4997.9	550.0	-9.8	-44.6	271.6	18.3	17.3	99.9	312.5	310.9	0.1	91.8	1.5	271.0
17.8	56.1	5355.0	525.0	-12.6	-47.9	270.6	18.7	18.7	99.9	313.2	312.9	0.1	91.8	1.5	271.0
19.0	59.3	5725.0	500.0	-16.0	-52.0	274.9	18.7	18.6	99.9	313.6	313.8	0.1	91.8	1.5	271.0
20.4	62.4	6109.4	475.0	-18.6	-50.3	280.2	18.9	18.6	99.9	314.9	315.2	0.1	91.8	1.5	271.0
21.8	65.5	6510.0	450.0	-22.0	-51.5	283.3	19.1	18.6	99.9	315.6	315.9	0.1	91.8	1.5	271.0
23.1	68.9	6927.5	425.0	-25.2	-52.4	278.6	23.5	23.3	99.9	316.7	316.9	0.0	91.8	1.5	271.0
24.7	72.3	7366.5	400.0	-27.2	-55.6	270.0	28.4	28.4	99.9	319.6	319.8	0.0	91.8	1.5	271.0
26.4	75.9	7827.8	375.0	-31.0	-57.9	268.0	30.1	30.0	99.9	320.6	320.7	0.0	91.8	1.5	271.0
28.0	83.4	8312.4	350.0	-35.6	-59.4	268.2	31.3	31.3	99.9	320.7	320.8	0.0	91.8	1.5	271.0
29.8	87.4	8825.1	325.0	-38.3	-59.9	268.9	39.3	39.3	99.9	324.0	324.1	0.0	91.8	1.5	271.0
31.7	91.7	9371.5	300.0	-42.0	-60.9	269.1	45.1	45.1	99.9	326.1	326.1	0.0	91.8	1.5	271.0
33.9	96.2	9954.2	275.0	-46.8	-60.9	270.3	45.3	45.3	99.9	327.5	327.5	0.0	91.8	1.5	271.0
36.2	100.8	10580.5	250.0	-50.7	-60.9	272.7	50.9	50.9	99.9	330.7	330.7	0.0	91.8	1.5	271.0
38.7	105.8	11262.3	225.0	-54.3	-60.9	273.3	52.9	52.9	99.9	335.4	335.4	0.0	91.8	1.5	271.0
41.4	111.3	12663.2	200.0	-55.8	-60.9	276.7	54.3	54.3	99.9	344.4	344.4	0.0	91.8	1.5	271.0
44.3	117.2	13840.4	175.0	-58.0	-60.9	272.3	47.8	47.8	99.9	357.5	357.5	0.0	91.8	1.5	271.0
47.7	123.7	14989.0	125.0	-56.7	-60.9	272.3	46.9	46.9	99.9	372.3	372.3	0.0	91.8	1.5	271.0
51.3	131.0	16378.9	100.0	-60.0	-60.9	275.2	39.7	39.7	99.9	407.0	407.0	0.0	91.8	1.5	271.0
55.9	139.5	18131.3	75.0	-62.5	-60.9	277.9	35.0*	35.0*	99.9	430.6	430.6	0.0	91.8	1.5	271.0
62.1	149.0	20599.9	50.0	-61.7	-60.9	231.4	5.5*	5.5*	99.9	498.0	498.0	0.0	91.8	1.5	271.0
73.4	158.7	24990.7	25.0	-53.4	-60.9	99.9	99.9	99.9	99.9	631.5	631.5	0.0	91.8	1.5	271.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 11  
BURNET, TEXAS

27 MARCH 1982  
1405 GMT

150 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	9.3	395.5	972.2	6.2	5.2	70.0	5.4	-5.1	-1.8	281.6	296.2	5.7	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	11.4	575.2	950.0	3.8	3.8	99.9	99.9	99.9	99.9	281.1	284.7	5.3	100.7	999.9	999.9
1.8	13.8	791.7	925.0	3.5	3.5	99.9	99.9	99.9	99.9	282.9	286.7	5.3	100.6	999.9	999.9
2.8	16.3	1015.3	900.0	4.8	4.7	99.9	99.9	99.9	99.9	286.5	302.1	6.0	99.3	999.9	999.9
3.8	18.7	1246.4	875.0	7.0	6.8	99.9	99.9	99.9	99.9	281.1	308.9	7.1	98.2	999.9	999.9
4.7	21.1	1488.0	850.0	8.5	8.2	99.9	99.9	99.9	99.9	295.1	316.7	8.1	98.2	999.9	999.9
5.6	23.6	1733.3	825.0	7.9	7.7	99.9	99.9	99.9	99.9	298.6	318.5	8.0	99.5	999.9	999.9
6.6	26.1	1987.4	800.0	7.0	6.9	99.9	99.9	99.9	99.9	299.5	319.0	7.1	99.1	999.9	999.9
7.6	28.6	2245.3	775.0	5.3	5.1	99.9	99.9	99.9	99.9	300.8	318.6	6.5	99.1	999.9	999.9
8.6	31.2	2515.9	750.0	3.7	3.3	99.9	99.9	99.9	99.9	302.1	316.0	4.9	92.0	999.9	999.9
9.9	33.8	2790.8	725.0	1.2	-0.8	99.9	99.9	99.9	99.9	303.7	317.6	4.9	98.0	999.9	999.9
11.0	36.4	3072.9	700.0	-0.3	-1.5	99.9	99.9	99.9	99.9	305.0	318.1	4.6	100.2	999.9	999.9
11.9	39.1	3363.7	675.0	-1.8	-2.0	99.9	99.9	99.9	99.9	306.2	317.7	3.9	98.1	999.9	999.9
13.1	41.9	3663.8	650.0	-3.5	-3.5	99.9	99.9	99.9	99.9	306.9	315.1	2.7	98.7	999.9	999.9
14.2	44.6	3973.3	625.0	-5.4	-6.0	99.9	99.9	99.9	99.9	308.0	315.8	2.6	84.7	999.9	999.9
15.5	47.4	4292.4	600.0	-8.0	-12.3	99.9	99.9	99.9	99.9	310.3	315.2	1.4	55.3	999.9	999.9
16.9	50.3	4622.3	575.0	-10.2	-18.2	99.9	99.9	99.9	99.9	318.7	321.2	0.6	40.5	999.9	999.9
18.2	53.2	4964.0	550.0	-11.6	-20.8	99.9	99.9	99.9	99.9	318.6	321.2	0.6	27.8	999.9	999.9
19.2	56.3	5321.9	525.0	-6.8	-29.8	99.9	99.9	99.9	99.9	321.2	322.8	0.8	20.6	999.9	999.9
20.3	59.3	5697.0	500.0	-11.8	-28.3	99.9	99.9	99.9	99.9	322.0	325.9	1.2	22.4	999.9	999.9
21.6	62.4	6088.5	475.0	-13.6	-24.3	99.9	99.9	99.9	99.9	322.9	328.9	0.8	28.9	999.9	999.9
23.1	65.6	6497.2	450.0	-16.9	-24.6	99.9	99.9	99.9	99.9	324.5	327.4	0.8	58.7	999.9	999.9
24.5	68.9	6923.8	425.0	-20.4	-29.2	99.9	99.9	99.9	99.9	327.3	329.8	0.7	58.7	999.9	999.9
26.0	72.3	7370.1	400.0	-23.4	-31.6	99.9	99.9	99.9	99.9	329.2	331.6	0.7	71.4	999.9	999.9
27.6	75.8	7839.3	375.0	-25.9	-32.8	99.9	99.9	99.9	99.9	331.7	333.1	0.5	75.3	999.9	999.9
29.3	79.4	8336.5	350.0	-29.3	-35.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	60.7	999.9	999.9
31.3	83.2	8861.9	325.0	-33.0	-42.8	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
33.3	87.2	9419.2	300.0	-38.1	-42.8	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
35.2	91.2	10011.8	275.0	-42.8	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
37.4	95.5	10648.1	250.0	-47.7	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
39.9	100.2	11336.2	225.0	-52.8	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
42.3	105.2	12085.3	200.0	-59.3	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
44.8	110.4	12912.4	175.0	-62.8	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
48.1	118.2	13859.5	150.0	-63.9	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
52.0	123.0	14974.8	125.0	-63.4	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
56.4	130.3	16351.2	100.0	-62.9	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
62.0	139.0	18099.7	75.0	-65.9	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
69.3	148.7	20591.1	50.0	-61.2	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9
81.0	159.5	24994.2	25.0	-52.5	99.9	99.9	99.9	99.9	99.9	332.3	332.7	0.3	54.4	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS

27 MARCH 1982  
2310 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	5.1	79.0	1010.8	5.4	3.9	40.0	6.7	-4.3	-5.1	277.7	290.4	5.0	90.5	0.0	0
0.6	6.0	166.6	1000.0	3.3*	2.8	78.7	10.4	-10.3	-2.1	276.5	288.4	4.7	90.5	0.0	253
1.4	8.2	371.7	975.0	2.0	1.5	83.7	12.8	-12.7	-1.4	277.1	288.3	4.4	90.8	0.7	259
2.0	10.4	581.0	950.0	0.7	0.2	90.5	15.1	-15.1	0.1	277.9	288.5	4.1	90.8	1.3	262
2.8	12.7	794.9	925.0	-0.5	-1.1	108.8	15.2	-14.4	0.9	278.8	288.7	3.8	95.9	2.0	267
3.7	14.9	1015.4	900.0	2.4	1.7	139.6	13.5	-8.7	10.2	284.0	296.8	4.8	95.0	2.6	277
4.4	17.3	1244.3	875.0	4.2	3.4	185.1	10.1	-2.6	9.7	288.2	302.9	5.6	94.4	3.0	285
5.1	19.5	1481.3	850.0	5.8	4.9	227.8	8.9	6.2	5.7	292.2	309.3	6.4	93.6	3.0	292
6.0	21.9	1726.5	825.0	8.3	5.4	285.6	9.9	9.6	-2.7	295.2	313.7	6.8	94.2	3.0	297
6.9	24.4	1979.1	800.0	5.5	4.7	304.9	9.7	8.0	-5.6	297.1	315.5	6.7	94.6	3.0	294
7.8	26.8	2238.7	775.0	4.0	3.4	308.0	7.2	5.7	-4.4	298.1	315.5	6.3	96.0	1.6	291
8.8	29.3	2504.9	750.0	2.2	0.9	308.4	7.2	5.8	-4.3	299.0	314.2	5.5	91.0	1.2	284
9.7	31.8	2778.2	725.0	0.6	-2.9	299.1	13.3	11.6	-6.5	300.1	312.2	4.3	77.5	0.8	275
10.7	34.3	3059.4	700.0	-0.6	-8.0	342.5	10.2	3.1	-9.7	301.9	310.6	4.0	56.9	0.5	155
11.7	36.9	3349.0	675.0	-2.3	-26.1	314.4	10.0	7.1	-7.0	303.1	305.4	0.7	15.1	0.7	180
12.8	39.6	3648.4	650.0	-3.0*	-34.8	305.6	13.9	11.3	-8.1	305.6	306.6	0.3	15.1	1.5	139
13.9	42.2	3958.0	625.0	-4.1	-41.5	306.0	15.4	12.4	-9.0	307.8	308.3	0.2	3.5	2.6	134
15.1	44.9	4278.9	600.0	-5.4**	-49.9	302.7	16.1	13.6	-8.7	309.8	309.9	99.9	99.9	3.6	131
16.2	47.7	4611.8	575.0	-7.0**	-58.9	308.4	18.4	14.8	-10.9	311.7	309.9	99.9	99.9	4.7	129
17.6	50.5	4957.0	550.0	-8.0**	-66.9	312.3	21.9	16.2	-14.8	313.4	309.9	99.9	99.9	5.4	120
18.9	53.3	5315.7	525.0	-10.7	-66.6	303.2	25.6	21.4	-14.0	315.6	316.0	0.1	3.3	8.2	120
20.0	56.3	5688.8	500.0	-13.3	-47.0	299.7	27.0	23.5	-13.4	318.8	317.2	0.1	3.9	10.1	128
21.4	59.4	6076.8	475.0	-16.4	-48.4	297.8	26.5	23.4	-12.3	317.6	318.0	0.1	4.2	12.3	128
22.8	62.5	6481.0	450.0	-19.3	-40.7	301.9	33.5	28.5	-17.7	319.0	319.8	0.2	13.0	14.7	125
24.2	65.8	6904.3	425.0	-20.9	-50.8	305.0	40.1	32.8	-23.0	322.2	322.5	0.1	4.8	17.7	125
25.7	69.0	7349.7	400.0	-24.0	-52.6	309.6	45.5	35.0	-29.0	323.8	324.1	0.1	5.1	21.5	125
27.1	72.4	7817.5	375.0	-27.8	-55.1	310.2	52.3	40.0	-34.7	324.8	325.0	0.1	5.3	25.7	125
28.7	75.0	8309.4	350.0	-31.5	-57.0	303.8	62.5	51.9	-34.8	326.1	326.3	0.1	6.4	31.1	126
30.4	78.7	8830.6	325.0	-34.9	-57.0	299.9	99.9	99.9	99.9	326.6	326.8	0.1	9.4	37.7	126
32.3	82.5	9384.3	300.0	-39.0	-59.2	299.9	99.9	99.9	99.9	330.4	330.6	0.1	9.6	99.9	99.9
33.9	85.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.9	89.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.9	93.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	97.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRUTUR, EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS  
27 MARCH 1962  
1109 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM DCT	RANGE NM	AZ DG
0	0.5	172.0	1005.4	5.6	-6.9	90.0	3.1	-3.1	0.0	278.3	224.4	2.3	40.0	0.0	0.0
0.2	7.0	216.0	1000.0	4.9	-6.9	95.1	9.8	-9.8	0.9	278.0	284.1	2.3	42.0	0.2	277.0
0.6	9.4	421.9	975.6	2.9	-8.5	105.7	9.8	-9.4	2.8	278.0	283.6	2.1	43.0	0.4	276.0
1.6	11.9	831.4	950.0	1.1	-10.1	115.8	9.7	-8.8	4.2	278.3	283.4	1.9	42.8	0.8	289.0
2.4	14.4	845.4	925.0	-0.2	-12.1	125.3	7.5	-7.2	2.0	279.2	283.6	1.5	39.9	1.3	289.0
3.2	16.9	1064.3	900.0	-1.2	-13.1	99.3	6.9	-5.8	1.1	280.3	284.6	1.5	39.7	1.8	288.0
4.0	19.4	1288.2	875.0	-2.9	-14.2	79.6	6.3	-8.2	-1.1	280.8	284.9	1.5	42.0	1.9	285.0
4.8	21.9	1517.2	850.0	-4.0	-12.2	41.5	7.2	-8.8	-5.4	280.8	286.8	1.8	52.6	2.1	280.0
5.6	24.5	1754.0	825.0	-2.2	-4.9	99.9	99.9	99.9	99.9	285.9	295.7	3.3	94.9	2.3	269.0
6.5	27.0	1998.4	800.0	-3.9	-6.8	99.9	99.9	99.9	99.9	289.6	298.0	3.0	81.4	99.9	99.9
7.4	29.7	2250.3	775.0	-6.4	-7.0	99.9	99.9	99.9	99.9	297.8	297.8	3.0	95.6	99.9	99.9
8.3	32.3	2508.2	750.0	-6.3	-6.9	99.9	99.9	99.9	99.9	292.6	301.4	3.2	95.7	99.9	99.9
9.2	35.0	2773.2	725.0	-6.3	-6.8	99.9	99.9	99.9	99.9	295.7	304.9	3.2	95.7	99.9	99.9
10.2	37.7	3048.2	700.0	-6.2	-6.8	99.9	99.9	99.9	99.9	297.9	307.0	3.2	95.5	99.9	99.9
11.1	40.4	3332.8	675.0	-6.9	-7.5	99.9	99.9	99.9	99.9	299.9	308.7	3.1	95.2	99.9	99.9
12.2	43.2	3627.1	650.0	-8.0	-8.6	99.9	99.9	99.9	99.9	301.9	310.3	2.9	94.9	99.9	99.9
13.2	46.0	3931.5	625.0	-9.2	-9.9	99.9	99.9	99.9	99.9	303.5	311.2	2.6	94.5	99.9	99.9
14.3	48.8	4246.8	600.0	-10.9	-11.6	99.9	99.9	99.9	99.9	305.2	312.3	2.4	94.0	99.9	99.9
15.4	51.7	4573.2	575.0	-12.6	-13.4	99.9	99.9	99.9	99.9	307.1	313.4	2.1	90.7	99.9	99.9
16.4	54.6	4911.7	550.0	-14.4	-15.5	99.9	99.9	99.9	99.9	308.1	313.4	99.9	99.9	99.9	99.9
17.7	57.6	5263.0	525.0	-16.9	-16.9	99.9	99.9	99.9	99.9	309.5	313.4	99.9	99.9	99.9	99.9
18.9	60.8	5627.5	500.0	-19.3	-19.3	99.9	99.9	99.9	99.9	311.2	312.8	99.9	99.9	99.9	99.9
20.2	63.9	6007.1	475.0	-21.7	-21.7	99.9	99.9	99.9	99.9	312.8	315.7	0.9	75.4	99.9	99.9
21.5	67.0	6403.4	450.0	-24.2	-27.3	99.9	99.9	99.9	99.9	315.1	317.6	0.7	72.9	99.9	99.9
23.0	70.3	6818.6	425.0	-26.4	-29.8	99.9	99.9	99.9	99.9	318.0	318.9	0.6	71.7	99.9	99.9
24.3	73.6	7254.6	400.0	-29.4	-32.8	99.9	99.9	99.9	99.9	318.0	319.9	0.5	84.6	99.9	99.9
25.9	77.0	7712.2	375.0	-32.9	-34.6	99.9	29.9	29.9	2.4	319.0	320.2	0.3	72.7	14.9	101.0
27.6	80.7	8193.9	350.0	-36.9	-39.9	274.6	31.2	31.1	-2.7	319.2	320.2	99.9	99.9	18.0	100.0
29.3	84.4	8701.4	325.0	-41.7	-39.9	275.0	36.4	35.9	-6.2	323.0	323.0	99.9	99.9	22.1	99.0
31.3	88.3	9240.6	300.0	-44.3	-39.9	275.8	40.8	39.8	-8.5	325.0	325.0	99.9	99.9	27.2	100.0
33.5	92.3	9818.9	275.0	-48.5	-39.9	282.6	47.6	47.1	-7.2	328.4	328.4	99.9	99.9	32.8	100.0
35.7	96.7	10438.9	250.0	-53.6	-39.9	278.7	53.7	53.1	-8.1	330.3	330.3	99.9	99.9	40.0	100.0
38.0	101.2	11109.9	225.0	-57.5	-39.9	278.7	53.7	53.1	-11.0	336.4	336.4	99.9	99.9	48.7	100.0
40.6	106.0	11847.1	200.0	-60.9	-39.9	281.9	54.2	53.1	-11.0	352.0	352.0	99.9	99.9	57.9	100.0
43.6	111.3	12683.5	175.0	-59.2	-39.9	284.9	45.0	43.5	-10.5	371.2	371.2	99.9	99.9	68.2	101.0
47.1	117.0	13651.9	150.0	-57.4	-39.9	288.9	37.5	35.9	-10.5	388.5	388.5	99.9	99.9	73.4	102.0
50.8	123.2	14802.1	125.0	-58.8	-39.9	289.6	31.3	29.5	-8.4	409.1	409.1	99.9	99.9	81.1	103.0
55.2	130.5	16196.3	100.0	-61.4	-39.9	289.6	25.1	23.6	-7.2	445.3	445.3	99.9	99.9	88.9	103.0
61.4	139.0	17980.9	75.0	-60.9	-39.9	291.6	19.6	18.3	-0.7	508.2	508.2	99.9	99.9	96.4	104.0
70.7	149.0	20519.6	50.0	-57.4	-39.9	277.2	5.9	5.9	-0.7	59.9	59.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARKANSAS

28 MARCH 1982  
200 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RIO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	172.0	1006.8	7.1	-11.8	60.0	6.2	-5.4	-3.1	279.7	284.0	1.6	25.0	0.0	0.
0.1	6.8	227.7	1000.0	6.6	-10.6	63.1	8.0	-7.1	-3.6	279.8	284.5	1.7	28.0	0.0	284.
0.8	9.1	454.7	975.0	4.7	-9.2	65.2	9.7	-8.8	-4.0	279.9	285.2	1.9	35.4	0.4	242.
1.5	11.5	645.7	950.0	2.8	-9.9	64.3	11.0	-9.9	-4.8	280.1	285.2	1.9	38.5	0.8	244.
2.3	13.9	850.6	925.0	0.7	-10.3	65.4	11.2	-10.2	-4.7	280.1	285.2	1.9	43.1	1.3	244.
3.0	16.4	1039.9	900.0	-1.3	-9.8	71.1	9.9	-9.4	-3.2	280.2	285.7	2.0	52.4	1.8	245.
3.7	18.8	1203.7	875.0	-3.1	-9.6	75.4	9.9	-9.6	-2.5	280.5	286.3	2.1	60.9	2.2	246.
4.4	21.3	1522.6	850.0	-4.2	-14.4	77.4	10.0	-9.6	-2.2	280.5	286.3	2.1	68.9	2.6	248.
5.1	23.8	1768.3	825.0	-3.0	-22.9	89.4	8.7	-8.7	-0.1	285.5	287.6	0.7	18.9	3.0	250.
5.9	26.4	2012.5	800.0	-2.2	-32.4	101.9	7.6	-7.4	1.6	288.8	291.1	0.8	18.6	3.4	250.
6.7	28.9	2264.3	775.0	-2.6	-22.3	109.6	5.6	-5.3	1.9	293.0	302.5	0.8	20.3	3.6	255.
7.4	31.5	2524.0	750.0	-3.3	-5.0	122.8	4.3	-3.6	2.3	293.0	302.5	0.8	20.3	3.8	257.
8.3	34.1	2792.6	725.0	-3.5	-3.9	127.0	4.1	-3.3	2.5	295.7	306.7	0.8	20.3	4.0	260.
9.2	36.8	3070.0	700.0	-4.6	-5.1	131.3	4.8	-3.6	3.2	297.4	307.9	0.7	18.6	4.1	262.
10.1	39.4	3356.2	675.0	-5.4	-7.5	144.3	5.7	-3.3	4.6	299.6	310.8	0.6	18.6	4.1	265.
10.9	42.1	3652.0	650.0	-7.0	-7.5	165.8	5.8	-3.3	5.6	301.1	310.8	0.6	18.6	4.1	265.
11.5	44.9	3951.4	625.0	-8.6	-9.1	201.3	4.9	-1.6	4.6	302.6	311.6	0.6	18.6	4.1	265.
13.0	47.7	4600.0	600.0	-10.3	-10.9	250.3	8.0	5.7	2.0	304.2	312.3	2.4	35.5	4.2	276.
14.0	50.6	4938.3	575.0	-12.8	-13.3	267.5	5.8	5.2	0.3	305.2	312.3	2.4	35.5	4.2	276.
15.1	53.5	5290.0	550.0	-14.6	-15.5	281.5	4.4	4.3	-0.9	306.8	313.1	2.1	35.5	4.2	276.
16.1	56.4	5655.1	525.0	-16.6	-18.3	289.6	5.1	4.8	-1.7	308.5	313.8	1.7	35.5	4.2	276.
17.3	59.5	6035.1	500.0	-19.1	-22.1	290.1	4.9	4.8	-1.7	309.7	314.4	1.3	35.5	4.2	276.
18.5	62.5	6431.0	475.0	-21.8	-25.1	292.1	4.9	4.8	-1.9	311.0	314.4	1.0	35.5	4.2	276.
19.8	65.8	6844.0	450.0	-24.9	-28.0	295.6	5.5	5.1	-2.4	312.9	314.5	0.8	35.5	4.2	276.
21.1	68.9	7278.1	425.0	-28.2	-32.6	298.0	7.8	7.0	-3.4	312.9	314.5	0.5	35.5	4.2	276.
22.5	72.3	7728.9	400.0	-31.8	-37.1	300.9	9.9	9.9	9.9	313.7	315.0	0.4	35.5	4.2	276.
23.8	75.6	8204.9	375.0	-35.6**	-41.9	303.9	9.9	9.9	9.9	314.5	315.0	0.4	35.5	4.2	276.
25.4	79.1	8707.7	350.0	-39.5**	-45.9	306.9	9.9	9.9	9.9	315.5	315.0	0.4	35.5	4.2	276.
26.9	82.9	9243.3	325.0	-43.6**	-49.9	309.9	9.9	9.9	9.9	316.6	315.0	0.4	35.5	4.2	276.
28.6	86.8	9822.5	300.0	-48.6	-54.9	312.9	9.9	9.9	9.9	317.7	315.0	0.4	35.5	4.2	276.
30.8	90.7	10449.8	275.0	-48.6	-54.9	315.0	9.9	9.9	9.9	318.8	315.0	0.4	35.5	4.2	276.
33.1	94.8	11335.7	250.0	-52.7	-59.9	318.8	9.9	9.9	9.9	320.0	315.0	0.4	35.5	4.2	276.
35.4	98.2	11890.7	225.0	-54.9	-59.9	321.9	9.9	9.9	9.9	321.9	315.0	0.4	35.5	4.2	276.
38.0	103.8	12742.9	200.0	-54.9	-59.9	324.9	9.9	9.9	9.9	324.9	315.0	0.4	35.5	4.2	276.
41.1	109.0	13731.6	175.0	-54.9	-59.9	327.9	9.9	9.9	9.9	327.9	315.0	0.4	35.5	4.2	276.
44.4	114.5	14891.7	150.0	-54.9	-59.9	330.9	9.9	9.9	9.9	330.9	315.0	0.4	35.5	4.2	276.
48.3	120.5	16292.0	125.0	-57.5	-59.9	333.9	9.9	9.9	9.9	333.9	315.0	0.4	35.5	4.2	276.
52.7	127.5	18074.9	100.0	-60.0	-59.9	336.9	9.9	9.9	9.9	336.9	315.0	0.4	35.5	4.2	276.
57.6	135.5	20610.2	75.0	-61.8	-59.9	339.9	9.9	9.9	9.9	339.9	315.0	0.4	35.5	4.2	276.
65.1	145.0	25010.2	50.0	-57.2	-59.9	342.9	9.9	9.9	9.9	342.9	315.0	0.4	35.5	4.2	276.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG

\*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 383  
AMARILLO, TEXAS

28 MARCH 1982  
500 GMT

TIME MIN	CNTCI	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	17.7	1094.0	898.2	-1.1	-1.1	120.0	8.2	-0.3	5.3	230.7	291.0	3.9	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	20.0	1285.1	875.0	-1.7	-2.2	133.2	9.1	-6.6	6.2	282.0	291.8	3.7	99.6	0.4	319.
1.7	22.7	1515.5	850.0	-3.3	-3.8	135.6	8.1	-5.7	5.9	282.0	291.8	3.4	98.3	0.9	317.
2.4	25.4	1753.3	825.0	-0.9	-1.3	141.2	4.4	-4.1	1.8	287.7	299.0	4.2	96.8	1.2	316.
3.9	28.2	1999.1	800.0	-1.3	-1.8	141.2	2.6	-1.6	2.0	289.8	301.2	4.2	96.7	1.4	316.
4.4	30.8	2252.8	775.0	0.0	-9.5	277.3	5.4	5.4	-0.7	293.9	300.8	2.4	49.4	1.4	312.
5.4	33.6	2515.9	750.0	0.3	-10.2	293.3	9.8	8.0	-3.5	297.0	303.7	2.3	45.0	0.9	323.
6.5	36.4	2787.3	725.0	-0.3	-12.5	300.7	8.8	8.3	-3.1	298.4	304.4	2.0	41.0	0.5	2.
7.8	39.3	3086.6	700.0	-2.3	-15.3	301.5	9.0	7.7	-4.7	299.9	304.9	1.7	36.1	0.6	51.
8.8	42.1	3334.7	675.0	-3.3	-12.7	312.5	9.5	7.0	-8.4	302.0	308.3	2.1	48.0	1.0	98.
10.1	45.1	3632.9	650.0	-4.6	-11.9	304.3	10.7	8.8	-6.0	303.8	310.9	2.4	56.5	1.8	113.
11.4	48.0	3980.5	625.0	-8.9	-12.5	293.4	11.8	10.7	-4.8	304.6	311.6	2.3	63.9	2.6	114.
12.8	51.0	4279.4	600.0	-8.8	-13.1	293.9	13.9	12.8	-5.8	306.0	312.9	2.3	70.3	3.7	114.
14.1	54.1	4608.7	575.0	-11.6	-15.3	299.4	14.5	12.8	-8.9	308.4	312.9	2.0	73.8	4.9	114.
15.4	57.3	4945.9	550.0	-14.6	-15.8	302.1	15.2	12.9	-8.1	308.8	312.9	2.0	90.0	6.0	115.
16.4	60.4	5298.9	525.0	-16.9	-17.8	296.9	14.4	12.9	-6.5	308.1	312.7	1.8	92.3	6.9	116.
17.7	63.6	5681.8	500.0	-18.6	-32.4	295.4	12.6	11.4	-5.4	310.4	312.0	0.5	92.3	8.0	116.
19.3	67.0	6072.9	475.0	-20.3	-32.7	298.1	13.0	11.3	-6.3	312.6	312.0	0.5	29.0	8.1	116.
20.8	70.4	6440.9	450.0	-24.0	-36.8	296.0	13.6	12.2	-8.0	313.1	312.4	0.4	29.0	10.2	116.
22.3	73.9	6855.3	425.0	-27.1	-40.5	298.2	13.0	11.4	-8.1	314.2	315.1	0.3	26.5	11.6	116.
23.9	77.4	7259.1	400.0	-31.1	-43.8	302.0	11.8	10.0	-6.3	314.6	315.3	0.2	27.7	12.8	117.
25.8	81.1	7742.9	375.0	-34.3	-46.9	297.5	13.5	12.0	-8.3	315.5	316.0	0.1	27.8	14.1	117.
27.6	84.9	8221.1	350.0	-38.0	-49.7	298.3	14.3	13.1	-7.1	317.5	318.0	0.1	27.8	15.8	117.
29.5	88.9	8726.9	325.0	-42.1	-52.9	293.9	14.4	13.1	-5.8	318.6	319.8	99.9	99.9	17.4	117.
31.6	93.0	9283.2	300.0	-46.5	-59.9	292.2	14.5	13.5	-5.5	319.8	319.8	99.9	99.9	19.2	117.
34.0	97.3	9838.4	275.0	-49.7	-66.5	291.0	17.6	15.4	-7.4	323.3	319.8	99.9	99.9	21.4	117.
36.4	101.8	10455.1	250.0	-53.3	-73.9	293.6	18.6	17.0	-8.2	323.3	319.8	99.9	99.9	24.1	117.
39.1	106.6	11128.0	225.0	-56.7	-80.9	291.6	19.7	18.3	-7.2	331.6	319.8	99.9	99.9	27.1	117.
42.0	111.8	11878.5	200.0	-55.0	-88.9	292.7	24.3	23.7	-7.2	331.6	319.8	99.9	99.9	30.9	114.
45.3	117.0	12729.4	175.0	-55.0	-99.9	275.8	27.8	27.4	-5.8	359.1	999.9	99.9	99.9	36.0	112.
49.3	129.2	13714.5	150.0	-55.0	-99.9	271.1	27.8	27.8	-2.8	375.3	999.9	99.9	99.9	42.2	109.
53.7	136.3	14874.3	125.0	-57.3	-99.9	273.7	30.5	30.4	-2.0	391.2	999.9	99.9	99.9	50.0	106.
58.7	144.3	16270.0	100.0	-60.7	-99.9	268.7	22.3	22.3	0.5	410.5	999.9	99.9	99.9	57.2	104.
65.1	153.3	18093.0	75.0	-60.9	-99.9	262.7	15.0	14.9	1.9	445.4	999.9	99.9	99.9	64.9	102.
73.3	162.3	20579.0	50.0	-60.4	-99.9	312.6	5.5	4.0	-3.7	501.3	999.9	99.9	99.9	88.7	101.
86.7	182.3	24975.9	25.0	-54.6	-99.9	177.4	5.1	-0.2	5.1	527.3	999.9	99.9	99.9	87.9	101.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 469  
DENVER, COLORADO  
27 MARCH 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.7	1611.0	838.3	4.4	1.1	55.0	2.1	-1.7	-1.2	292.1	305.8	5.0	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	25.8	1721.6	825.0	3.0	0.9	20.1	2.0	-0.7	-1.9	291.8	305.3	5.0	85.9	0.0	0.0
1.3	31.2	1970.5	800.0	1.6	0.7	69.6	0.8	-0.8	-0.3	292.9	306.6	5.0	93.6	0.1	218.
2.0	34.0	2266.7	775.0	1.2	-0.4	151.0	1.0	-0.5	0.8	295.1	308.3	4.8	99.1	0.1	234.
3.0	36.8	2780.9	750.0	-0.4	-1.7	125.6	1.2	-1.0	0.7	296.2	308.7	4.5	90.7	0.1	267.
3.9	39.6	3040.2	725.0	-1.5	-4.0	47.1	1.4	-1.1	-1.0	297.8	308.9	3.9	83.1	0.2	276.
4.8	42.4	3347.3	700.0	-3.0**	99.9	327.9	3.3	1.8	-2.8	299.2	308.9	3.9	99.9	0.2	241.
5.8	45.3	3622.4	675.0	-4.9**	99.9	99.9	99.9	99.9	99.9	300.1	308.9	3.9	99.9	99.9	99.9
6.8	48.3	3927.3	650.0	-7.0**	99.9	99.9	99.9	99.9	99.9	301.9	308.6	2.3	99.9	99.9	99.9
7.8	51.3	4241.9	625.0	-9.2	-12.9	99.9	8.4	6.7	-5.0	302.9	309.5	2.2	74.3	1.4	149.
8.9	54.3	4568.8	600.0	-11.5	-13.6	306.8	6.9	5.3	-4.5	303.4	309.5	2.1	92.6	1.9	132.
9.9	57.4	4903.3	575.0	-14.2	-15.1	310.2	6.8	5.3	-4.7	305.5	309.5	1.3	62.3	2.4	138.
11.1	60.5	5233.6	550.0	-17.0	-21.2	311.1	6.8	5.1	-4.5	308.0	311.1	1.0	51.1	2.8	138.
12.3	63.9	5567.7	525.0	-19.7	-24.7	311.1	6.8	5.4	-3.9	309.1	311.6	0.8	48.9	3.3	136.
13.5	67.0	5906.2	500.0	-22.9	-29.0	308.3	6.2	5.4	-3.9	309.7	312.0	0.7	58.3	4.3	135.
14.8	70.4	6245.0	475.0	-25.3	-31.1	309.1	6.7	5.2	-4.2	311.4	313.5	0.6	58.3	4.8	135.
16.1	74.0	6583.7	450.0	-27.8	-33.2	312.1	9.0	6.6	-6.0	313.4	314.7	0.4	58.3	5.4	134.
17.5	77.4	6923.1	425.0	-30.7	-37.2	317.3	10.2	6.9	-7.5	316.3	316.8	0.2	58.3	6.3	134.
19.0	81.1	7262.3	400.0	-34.3	-41.8	319.6	9.3	6.0	-7.1	318.3	317.4	0.1	25.2	7.2	135.
20.6	85.0	7602.3	375.0	-38.4	-47.3	327.7	8.6	4.6	-7.3	317.0	317.4	0.1	21.9	8.1	136.
22.2	88.8	7942.0	350.0	-42.4	-52.0	331.9	6.8	3.2	-6.0	318.3	319.9	99.9	99.9	8.9	137.
23.8	93.0	8281.4	325.0	-47.8	-56.9	331.9	5.4	2.6	-4.8	319.6	319.9	99.9	99.9	9.4	137.
25.4	97.2	8620.8	300.0	-52.3	-61.8	331.9	5.8	2.8	-5.1	319.6	319.9	99.9	99.9	10.0	139.
27.0	101.7	8960.2	275.0	-57.3	-66.7	331.9	12.2	8.2	-6.0	322.3	319.9	99.9	99.9	10.9	139.
28.6	106.3	9300.0	250.0	-62.3	-71.6	331.9	17.0	14.1	-6.0	322.3	319.9	99.9	99.9	12.1	138.
30.2	111.4	9640.0	225.0	-67.3	-76.5	331.9	15.7	14.8	-5.4	333.7	319.9	99.9	99.9	13.1	138.
31.7	116.7	9980.0	200.0	-72.3	-81.4	289.5	20.2	19.8	-5.3	334.0	319.9	99.9	99.9	15.4	135.
33.4	122.5	10320.0	175.0	-77.3	-86.3	282.4	21.0	21.0	-4.3	362.6	319.9	99.9	99.9	18.5	129.
35.1	128.7	10760.0	150.0	-82.3	-91.2	270.8	22.0	22.0	-0.3	376.5	319.9	99.9	99.9	22.2	123.
36.8	135.3	11200.0	125.0	-87.3	-96.1	271.0	22.0	22.0	-0.4	396.3	319.9	99.9	99.9	27.0	116.
38.5	142.7	11640.0	100.0	-92.3	-101.0	281.9	18.0	17.8	-3.7	420.6	319.9	99.9	99.9	33.1	113.
40.2	150.7	12080.0	75.0	-97.3	-105.9	270.3	13.2	13.2	-0.1	456.0	319.9	99.9	99.9	38.8	111.
41.9	159.0	12520.0	50.0	-102.3	-110.8	290.1	5.9	5.5	-2.0	517.3	319.9	99.9	99.9	42.7	109.
43.6	167.7	12960.0	25.0	-107.3	-115.7	124.9	1.1	-0.9	-0.6	637.7	319.9	99.9	99.9	42.7	109.

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STATION NO. 459  
DENVER, COLORADO  
27 MARCH 1982  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POI T DG K	MX RIO CM/KG	RH PCT	RANGE FM	AZ DG
0.0	24.5	1911.0	835.1	9.0	-1.0	45.0	2.6	-1.8	-1.8	297.1	297.1	0.0	0.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	25.6	1711.5	825.0	8.0**	99.9	59.4	4.0	-3.4	-2.0	297.0	297.0	99.9	99.9	0.1	208.
1.1	31.0	2222.2	800.0	5.8**	99.9	59.1	3.5	-3.0	-1.2	297.4	297.4	99.9	99.9	0.2	224.
1.8	33.8	2487.4	775.0	3.8**	99.9	59.1	2.4	-2.0	-1.2	297.7	297.7	99.9	99.9	0.4	229.
2.8	36.6	2759.6	750.0	0.9	-1.9	72.1	1.8	-1.8	-0.8	297.6	297.6	99.9	99.9	0.5	232.
3.6	39.4	3039.7	725.0	-0.6	-3.4	45.4	2.2	-1.6	-1.6	300.1	300.1	99.9	99.9	0.6	235.
4.8	42.3	3327.9	700.0	-2.2	-8.9	332.9	3.2	1.5	-2.8	301.2	301.2	99.9	99.9	0.7	238.
5.7	45.2	3624.9	675.0	-4.0	-9.7	302.0	5.4	4.5	-3.8	302.2	302.2	99.9	99.9	0.8	241.
6.6	48.2	3930.9	650.0	-6.0	-11.6	305.4	7.8	6.3	-4.5	303.8	303.8	99.9	99.9	1.1	184.
7.5	51.3	4246.3	625.0	-8.5	-13.8	296.6	8.2	7.3	-3.7	304.3	304.3	99.9	99.9	1.5	151.
8.5	54.3	4572.2	600.0	-10.6	-15.4	290.0	8.7	8.2	-3.0	305.3	305.3	99.9	99.9	1.9	142.
9.4	57.4	4909.2	575.0	-13.4	-17.9	289.1	8.5	8.0	-2.8	310.6	310.6	99.9	99.9	2.4	134.
10.5	60.6	5259.5	550.0	-15.8	-20.4	288.4	8.1	7.7	-2.7	312.7	312.7	99.9	99.9	2.9	130.
11.6	63.9	5624.9	525.0	-18.6	-23.4	288.1	8.7	7.7	-4.1	313.9	313.9	99.9	99.9	3.4	128.
12.8	67.1	6005.1	500.0	-21.3	-26.4	315.0	9.8	8.9	-6.9	315.6	315.6	99.9	99.9	4.1	127.
14.1	70.6	6402.8	475.0	-23.3	-28.9	314.6	11.9	10.1	-8.4	315.7	315.7	99.9	99.9	5.0	129.
15.4	74.0	6817.9	450.0	-27.0	-36.9	307.2	12.7	10.1	-7.7	316.4	316.4	99.9	99.9	6.0	129.
16.8	77.6	7252.2	425.0	-30.4	-41.0	309.2	12.5	9.9	-7.4	317.5	317.5	99.9	99.9	7.2	129.
18.3	81.1	7707.6	400.0	-34.3	-44.5	305.5	10.4	8.5	-6.1	317.0	317.0	99.9	99.9	8.3	129.
21.4	85.0	8186.0	375.0	-38.4	-48.1	298.4	8.8	7.7	-4.2	317.9	317.9	99.9	99.9	9.3	129.
23.1	88.8	8590.5	350.0	-43.1	-51.9	292.5	8.3	7.7	-3.2	320.7	320.7	99.9	99.9	10.2	129.
24.8	92.0	9224.6	325.0	-47.8	-55.9	302.5	14.0	11.8	-10.4	325.1	325.1	99.9	99.9	11.1	127.
26.5	97.2	9794.1	300.0	-51.4	-59.9	305.3	18.0	14.7	-19.4	329.2	329.2	99.9	99.9	12.1	126.
28.4	101.6	10408.9	275.0	-54.4	-63.9	298.7	19.5	17.1	-18.3	329.5	329.5	99.9	99.9	13.5	125.
30.6	106.2	11077.7	250.0	-58.3	-67.9	283.0	18.8	18.3	-14.2	359.5	359.5	99.9	99.9	15.1	124.
32.9	111.2	11819.1	225.0	-62.5	-71.9	277.2	22.0	20.9	-12.6	377.2	377.2	99.9	99.9	19.1	120.
35.8	116.5	12666.2	175.0	-64.8	-74.9	275.0	22.1	22.1	-11.9	396.7	396.7	99.9	99.9	25.3	117.
38.7	122.2	13654.4	150.0	-67.9	-77.9	272.8	24.0	24.0	-10.2	420.5	420.5	99.9	99.9	30.8	112.
42.5	128.5	14827.7	125.0	-71.9	-81.9	269.3	16.5	16.5	0.2	455.2	455.2	99.9	99.9	35.9	109.
46.5	135.3	16252.1	100.0	-75.2	-85.9	268.0	14.2	14.2	0.5	515.4	515.4	99.9	99.9	40.3	105.
50.4	143.0	18078.5	75.0	-78.4	-89.9	269.1	5.8	5.8	-0.1	634.2	634.2	99.9	99.9	44.3	105.
54.4	151.3	20661.4	50.0	-81.4	-93.9	75.7	2.0	-1.9	-0.5			99.9	99.9	45.1	103.
58.4	159.0	22611.4	25.0	-84.3	-97.9										
70.4	160.0			-82.3											

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